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ANNOUNCEMENT.—In accordance with the provisions contained in Section 2 of an Act of Congress (Public No. 50, 65th Congress) approved August 10, 1917, the Chief of the Bureau of Markets of the United States Department of Agriculture has been authorized and instructed, as an agent of the Secretary of Agriculture, to take such steps as may be necessary to obtain authoritative information regarding the matters authorized to be investigated under that section.

The Food Surveys Project has been established pursuant to Sections 2 and 8, of the Act, to obtain such information concerning food and food materials as may seem necessary or desirable for the guidance of governmental agencies and the public in

making plans for increasing production, for promoting efficient distribution, and for directing conservation and utilization.

The results of the surveys made under this Project will be published monthly in "Food Surveys," which will be mailed from Washington, D. C., between the fifteenth and twentieth of each month. Special numbers of "Food Surveys" will be issued from time to time as occasion may require. A copy may be obtained on application to "Food Surveys," Bureau of Markets, Room 229, Homer Building, Washington, D. C.
CHARLES J. BRAND, Chief, Bureau of Markets.
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COMMERCIAL STOCKS OF FATS AND OILS JULY 1, 1918

NOT INCLUDING RETAIL STOCKS.

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The fats and oils for which information is here presented include lard, lard compounds, solid vegetable cooking fats, oleo stock, oleo oil, and edible tallow, cottonseed oil, olive oil, peanut oil, and corn oil.

The total quantities of these fats and oils on hand and in transit on July 1, 1918, as reported by manufacturers, storage houses, and wholesale dealers were as follows: Lard, 114,693,782 pounds; lard compounds (including lard substitutes other than those of purely vegetable composition), 50,410,780 pounds; solid vegetable cooking fats, 42,636,551 pounds; oleo stock, oleo oil, and edible tallow, 32,507,179 pounds; cottonseed oil, 41,718,674 gallons; olive oil, 901,995 gallons; peanut oil, 4,839,931 gallons; corn oil, 2,891,457 gallons. The figures for goods in transit were obtained under the following instructions: "Report as in transit the total quantity which you have recently shipped and which you believe has not been delivered to the purchaser or consignee." The following quantities of fats and oils were thus reported as in transit: Lard, 7,795,536 pounds; lard compounds, 3,992,266 pounds; solid vegetable cooking fats, 7,030,310 pounds; oleo stock, oleo oil, and edible tallow, 1,026,127 pounds; cottonseed oil, 1,162,791 gallons; olive oil, 10,759 gallons; peanut oil, 61,159 gallons; corn oil, 127,120 gallons.

The reports covering the retail stocks of these commodities for July 1, 1918, are in process of tabulation and will be published later. The relative importance of the retail stocks as compared with the other commercial stocks of these commodities may be judged from the results of the Survey of January 1, 1918, in which it was found that the stocks in the hands of the retailers represented the following percentages of the total commercial stocks: Lard, 29.5 per cent; lard

compounds, 38.3 per cent; solid vegetable cooking fats, 29.9 per cent; oleo stock, oleo oil, and edible tallow, 2.2 per cent; cottonseed oil, 2.5 per cent; olive oil, 44.8 per cent; peanut oil, 4.8 per cent.

Comparative figures for the stocks of fats and oils held by the classes of business here considered on July 1, 1918, and July 1, 1917, show increases for four commodities and decreases for four. The commodities showing increases, with the percentages of increase, are as follows: Cottonseed oil, 8.2 per cent; solid vegetable cooking fats, 14.5 per cent; corn oil, 56.6 per cent; and peanut oil, 194.8 per cent (stocks almost three times as large as in 1917). The commodities showing decreases, with the percentages of decrease, are as follows: Lard, 3.7 per cent; lard compounds, 1.6 per cent; oleo stock, oleo oil, and edible tallow, 12.2 per cent; and olive oil, 64.2 per cent (1918 stocks only about one-third of the 1917 stocks).

Some of the most important figures relating to the commodities in this group are presented in summary form in the following table:

Summary of United States totals—Commercial stocks of fats and oils, not including retail stocks.

COMMODITIES.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.		
Lard (lbs.)-----	106,898,246	96,755,122	96.3	100,435,988	7,795,536
Lard compounds (lbs.)-----	46,418,514	40,138,154	98.4	40,773,811	3,992,266
Solid vegetable cook- ing fats (lbs.)-----	35,606,241	30,148,082	114.5	26,336,580	7,030,310
Oleo stock (lbs.)-----	31,481,052	26,601,692	87.8	30,281,095	1,026,127
Cottonseed oil (gals.)-----	40,555,883	38,561,197	108.2	35,644,835	1,162,791
Olive oil (gals.)-----	891,236	747,704	35.8	2,091,292	10,759
Peanut oil (gals.)-----	4,778,772	3,932,922	294.8	1,333,964	61,159
Corn oil (gals.)-----	2,764,337	2,353,866	156.6	1,503,121	127,120

COMMERCIAL STOCKS OF LARD NOT INCLUDING RETAIL STOCKS.

The stocks of lard (pure lard), together with the quantities in transit, as reported in the Food Survey of July 1, 1918, by commercial concerns other than retail dealers, amounted to 114,693,782 pounds, of which total the stocks on hand represented 106,898,246 pounds and the quantity in transit 7,795,536 pounds. Of the total stocks on hand, the meat packers held 74.8 per cent; the storage warehouses, 15.9 per cent; the wholesale dealers, 6.2 per cent; the bakers, 1.6 per cent; and a miscellaneous group of concerns, 1.5 per cent. The stocks of lard reported as on hand by each of these classes of business are shown in the first column of Table 1, and the quantity reported as in transit in the last column. The relative stocks of lard held by the various classes of firms reporting are shown in graphic form in Diagram 1.

Table 2 shows the number of schedules received and tabulated for lard.

Table 1.—Stocks of lard reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.				Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.		
		Quantity.	Per cent of 1917.			
Total.....	<i>Pounds.</i> 106,898,246	<i>Pounds.</i> 96,785,122	96.3	<i>Pounds.</i> 100,435,988	<i>Pounds.</i> 7,795,536	
Meat packers.....	79,945,727	78,073,070	98.5	79,267,992	7,660,630	
Storage warehouses.....	17,040,080	9,717,214	149.4	6,504,565	300	
<i>Cold storages.....</i>	<i>13,469,668</i>	<i>9,520,872</i>	<i>153.0</i>	<i>6,222,245</i>		
<i>Warehouses.....</i>	<i>3,630,412</i>	<i>196,342</i>	<i>69.5</i>	<i>282,320</i>	<i>300</i>	
Wholesale dealers.....	6,632,555	5,841,590	52.8	11,073,549	128,526	
<i>Wholesale grocers.....</i>	<i>3,067,136</i>	<i>2,577,045</i>	<i>68.0</i>	<i>3,790,628</i>	<i>89,933</i>	
<i>Meat and provision jobbers.....</i>	<i>2,968,508</i>	<i>2,772,915</i>	<i>42.0</i>	<i>6,596,782</i>	<i>32,768</i>	
<i>Other wholesale dealers.....</i>	<i>596,911</i>	<i>491,630</i>	<i>71.7</i>	<i>686,139</i>	<i>5,825</i>	
Bakers.....	1,721,255	1,632,970	83.8	1,947,818	730	
Miscellaneous.....	1,558,629	1,490,278	90.8	1,642,064	5,350	
<i>Oleomargarine manufacturers.....</i>	<i>1,446,619</i>	<i>1,396,602</i>	<i>91.7</i>	<i>1,522,659</i>	<i>3,000</i>	
<i>Other miscellaneous.....</i>	<i>112,010</i>	<i>93,676</i>	<i>78.5</i>	<i>119,405</i>	<i>2,350</i>	

Diagram 1.—Distribution of Total Stocks of Lard Reported for July 1, 1918, by Manufacturers, Storage Houses, and Wholesale Dealers.

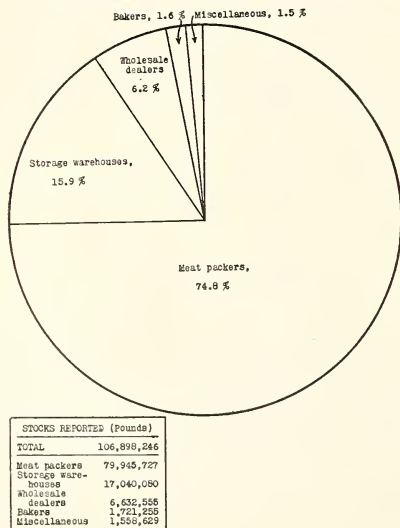


Table 2.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting lard.

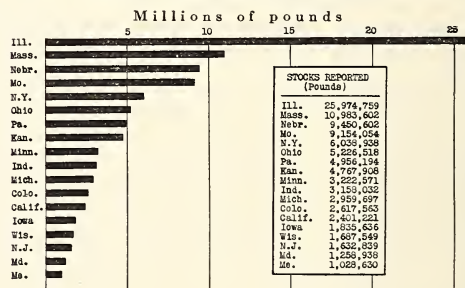
CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	5,159	4,236
Meat packers.....	1,335	1,204
Storage warehouses.....	116	73
Cold storages.....	87	57
Warehouses.....	29	16
Wholesale dealers.....	2,688	2,185
Wholesale grocers.....	1,835	1,488
Meat and provision jobbers.....	526	441
Other wholesale dealers.....	327	256
Bakers.....	801	606
Miscellaneous.....	219	168
Oleomargarine manufacturers.....	18	15
Other miscellaneous.....	201	153

Geographic Distribution of Stocks Reported.

The geographic distribution of the stocks of lard reported by the classes of business here considered is shown in Table 3. From the figures there given it may be seen that the stocks held in the East North Central division represented more than one-third of the total reported for the entire country. The West North Central division ranked second, with more than one-fourth of the United States total. Following the two North Central divisions come the New England and the Middle Atlantic divisions, ranking third and fourth, respectively. Of the individual states, Illinois ranked first in stocks reported, with nearly one-fourth of the total, Massachusetts second, Nebraska third, and Missouri fourth. In Diagram 2 the stocks reported for the eighteen most important states are shown in graphic form.

The quantity of lard reported as in transit by the various classes of business concerns considered in this report is given by geographic divisions and states in the last column of Table 3.

Diagram 2.—Stocks of Lard Reported by Manufacturers, Storage Houses, and Wholesale Dealers, for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

About nine-tenths of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 1, and by geographic divisions and states in Table 4. All classes of business except the cold storages reported smaller stocks for the date of the Survey than for July 1, 1917, though the decrease in the case of the meat packers amounted to only 1.5 per cent. The stocks held by the cold storages on July 1, 1918, were 53.0 per cent larger than those held by the same firms one year earlier. The total stocks on the date of the Survey were equal to 96.3 per cent of those held on July 1, 1917. The relative stocks held on the two dates are shown in graphic form in Diagram 3, for each class of business except the miscellaneous group.

Table 3.—Stocks of lard reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported as on hand July 1, 1918.	STORAGE WAREHOUSES.				WHOLESALE DEALERS.						Quantity reported as in transit on July 1, 1918.
		Meat packers.	Total.	Cold storages.	Ware- houses.	Total.	Whole- sale grocers.	Meat and provision jobbers.	Other wholesale dealers.	Bakers.	Miscella- neous.	
United States	Pounds. 106,898,246	Pounds. 79,945,727	Pounds. 17,040,080	Pounds. 13,409,668	Pounds. 3,630,412	Pounds. 6,632,555	Pounds. 3,067,136	Pounds. 2,968,508	Pounds. 596,911	Pounds. 1,721,255	Pounds. 1,558,629	Pounds. 7,795,536
GEOGRAPHIC DIVISIONS:												
New England	13,177,071	7,075,792	5,495,987	2,444,198	3,051,789	518,599	145,302	285,526	87,771	78,351	8,342	22,965
Middle Atlantic	12,627,971	7,765,196	2,660,285	2,606,650	53,635	959,869	402,231	352,549	205,089	1,168,748	73,873	840,719
East North Central	39,006,555	29,201,226	5,943,108	5,903,462	39,646	2,349,806	706,077	1,572,686	71,043	191,896	1,320,519	2,498,269
West North Central	28,931,008	26,851,778	1,537,270	1,516,725	20,545	322,434	70,203	191,070	61,161	129,192	90,334	3,956,946
South Atlantic	3,504,176	1,930,146	381,623	315,163	66,460	1,105,812	762,201	282,547	61,064	67,217	19,378	268,576
East South Central	1,434,225	711,106	71,718	6,903	64,815	601,825	508,543	33,820	59,462	11,316	38,260	63,721
West South Central	1,397,690	853,361	120,564	114,514	6,050	379,392	312,001	32,796	34,595	40,930	3,443	58,383
Mountain	3,752,748	3,416,669	80,301	68,891	11,410	244,298	125,569	113,658	5,071	10,580	900	65,058
Pacific	3,066,802	2,140,453	749,224	433,162	316,062	150,520	35,009	103,856	11,655	23,025	3,580	20,899
NEW ENGLAND:												
Maine	1,028,630	270,464	667,448	667,448	-----	81,645	39,535	41,645	465	8,973	100	6,801
New Hampshire	48,205	24,094	-----	-----	-----	22,049	6,878	14,111	1,060	1,962	100	1,000
Vermont	20,629	7,099	-----	-----	-----	10,990	5,346	2,914	2,730	2,037	503	1,140
Massachusetts	10,983,602	5,848,131	4,824,778	1,772,989	3,051,789	261,652	75,855	141,534	44,263	43,408	5,633	8,774
Rhode Island	159,053	60,398	5	5	-----	92,437	6,815	71,194	14,428	4,487	1,756	580
Connecticut	936,922	865,606	3,756	3,756	-----	49,826	10,873	14,128	24,825	17,484	250	4,670
MIDDLE ATLANTIC:												
New York	6,038,938	2,167,544	2,375,143	2,375,143	-----	477,054	150,616	225,154	101,284	1,015,832	3,364	52,049
New Jersey	1,632,839	1,335,394	91,936	87,386	4,550	102,398	25,761	21,537	55,100	34,101	69,010	739,622
Pennsylvania	4,956,194	4,262,257	193,206	144,121	49,085	380,417	225,854	105,858	48,705	118,815	1,499	49,048
EAST NORTH CENTRAL:												
Ohio	5,226,518	4,351,529	326,524	313,599	12,925	442,838	313,971	100,083	28,784	38,907	66,720	403,067
Indiana	3,158,032	2,663,165	301,161	301,161	-----	157,147	94,334	61,931	882	31,438	5,121	1,552,030
Illinois	25,974,759	18,555,038	4,716,726	4,690,005	26,721	1,406,552	57,537	1,342,959	6,056	64,058	1,232,385	469,260
Michigan	2,059,697	2,194,775	576,277	576,277	-----	138,712	60,954	55,166	22,592	48,946	987	67,428
Wisconsin	1,687,549	1,436,719	22,420	22,420	-----	204,557	179,281	12,547	12,729	8,547	15,306	6,484
WEST NORTH CENTRAL:												
Minnesota	3,222,571	3,006,417	112,398	112,398	-----	80,931	24,321	52,187	4,423	18,287	4,538	98,850
Iowa	1,835,636	1,734,851	26,486	5,941	20,545	49,753	9,848	38,590	1,315	21,136	3,410	278,545
Missouri	9,154,054	7,546,836	1,395,566	1,395,566	-----	51,653	30,271	19,931	1,451	78,363	82,136	1,608,991
North Dakota	63,574	32,388	-----	-----	-----	27,055	1,740	25,315	-----	4,031	100	2,330
South Dakota	436,663	433,542	-----	-----	-----	3,121	768	2,353	-----	-----	-----	2,489
Nebraska	9,450,602	9,416,798	2,820	2,820	-----	26,809	308	20,482	6,019	4,150	25	1,358,435
Kansas	4,767,908	4,681,446	-----	-----	-----	83,112	2,947	32,122	47,953	3,225	125	607,306
SOUTH ATLANTIC:												
Delaware	34,738	28,641	-----	-----	-----	6,047	2,307	2,150	1,590	50	-----	200
Maryland	1,258,938	817,981	264,710	264,710	-----	159,031	28,986	128,939	1,106	8,900	8,316	116,462
District of Columbia	214,244	151,176	13,000	13,000	-----	24,134	20,416	3,718	-----	25,934	-----	240
Virginia	412,921	130,016	6,360	6,360	-----	255,820	143,160	70,394	42,266	17,778	2,947	7,484
West Virginia	786,392	458,088	-----	-----	-----	310,037	248,873	57,191	3,973	217	50	91,835
North Carolina	174,768	54,667	-----	-----	-----	114,975	103,384	10,667	924	1,546	3,580	2,677
South Carolina	62,089	11,961	-----	-----	-----	50,098	48,843	1,140	115	30	-----	16,565
Georgia	377,104	126,148	96,173	36,073	60,100	144,848	127,890	8,348	8,610	6,680	3,255	6,810
Florida	200,982	151,468	1,380	1,380	-----	40,822	38,342	-----	2,480	6,082	1,230	26,303
EAST SOUTH CENTRAL:												
Kentucky	704,745	340,227	-----	-----	-----	325,984	300,462	17,897	7,625	1,279	37,255	51,117
Tennessee	345,940	193,083	6,903	6,903	-----	139,226	113,490	8,373	17,363	6,023	705	3,264
Alabama	321,388	148,129	64,815	64,815	-----	104,530	67,025	6,280	31,225	3,614	300	8,720
Mississippi	62,152	29,667	-----	-----	-----	32,085	27,566	1,270	3,249	400	-----	620
WEST SOUTH CENTRAL:												
Arkansas	70,655	28,384	-----	-----	-----	39,642	27,409	12,233	-----	2,629	-----	3,480
Louisiana	438,442	127,985	92,640	92,640	-----	224,676	179,665	15,516	31,555	10,642	2,499	19,457
Oklahoma	172,755	136,377	-----	-----	-----	34,300	31,700	2,600	-----	2,078	-----	20
Texas	695,838	560,615	27,924	21,874	6,050	80,774	73,287	4,447	3,040	25,581	944	35,426
MOUNTAIN:												
Montana	198,958	157,779	2,200	-----	2,200	33,493	14,050	19,443	-----	5,206	280	5,178
Idaho	89,931	60,061	500	500	-----	29,370	7,784	21,413	173	-----	-----	5,338
Wyoming	86,703	77,465	-----	-----	-----	9,058	6,058	3,000	-----	180	-----	-----
Colorado	2,617,563	2,503,270	58,735	56,875	1,860	52,692	3,202	49,290	200	2,846	20	34,700
New Mexico	29,185	4,693	550	550	-----	23,117	21,230	1,250	637	325	500	452
Arizona	80,705	22,168	9,906	9,906	-----	47,498	37,268	7,714	2,516	1,033	100	3,570
Utah	570,282	512,577	8,410	1,610	6,800	48,305	35,212	11,548	1,545	990	-----	11,120
Nevada	79,421	78,656	-----	-----	-----	765	765	-----	-----	-----	-----	5,000
PACIFIC:												
Washington	384,371	307,391	5,046	4,800	246	66,681	2,671	59,908	4,102	4,961	292	3,099
Oregon	281,210	252,882	2,880	1,400	1,480	22,271	10,797	6,335	5,139	1,830	1,347	7,565
California	2,401,221	1,580,180	741,298	426,962	314,336	61,568	21,541	37,613	2,414	16,234	1,941	10,235

DIAGRAM 3.—STOCKS OF LARD REPORTED FOR JULY 1, 1918, AND JULY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

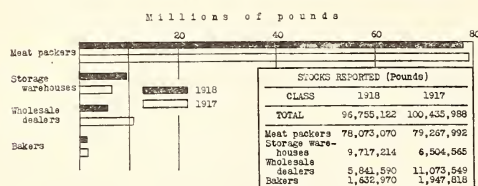


Table 4.—Comparative figures for lard—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Stocks reported for July 1, 1918.	Stocks reported for July 1, 1917.
	Pounds.	Pounds.
United States	96,755,122	100,435,988
GEOGRAPHIC DIVISIONS:		
New England	9,349,636	9,847,889
Middle Atlantic	10,523,969	11,677,794
East North Central	36,983,212	40,445,565
West North Central	28,710,489	24,471,705
South Atlantic	2,731,318	3,452,678
East South Central	1,215,628	1,856,135
West South Central	1,291,569	2,084,502
Mountain	3,574,751	3,573,872
Pacific	2,374,550	3,025,848
NEW ENGLAND:		
Maine	346,660	355,381
New Hampshire	47,350	84,610
Vermont	15,065	25,362
Massachusetts	7,899,510	8,453,697
Rhode Island	121,395	237,464
Connecticut	919,656	691,375
MIDDLE ATLANTIC:		
New York	4,250,561	5,210,623
New Jersey	1,472,969	2,491,459
Pennsylvania	4,800,439	3,975,712
EAST NORTH CENTRAL:		
Ohio	4,656,446	4,496,659
Indiana	2,925,908	2,816,891
Illinois	25,712,864	29,719,496
Michigan	2,018,997	2,259,701
Wisconsin	1,668,907	1,161,810
WEST NORTH CENTRAL:		
Minnesota	3,128,257	3,617,493
Iowa	1,785,621	3,226,483
Missouri	9,117,148	7,511,911
North Dakota	55,513	55,733
South Dakota	436,663	297,261
Nebraska	9,144,623	7,071,450
Kansas	4,742,665	2,691,374
SOUTH ATLANTIC:		
Delaware	29,928	53,611
Maryland	955,514	1,084,326
District of Columbia	208,992	137,750
Virginia	295,179	562,901
West Virginia	566,241	789,970
North Carolina	147,942	140,471
South Carolina	55,319	96,850
Georgia	346,319	508,866
Florida	125,884	77,864
EAST SOUTH CENTRAL:		
Kentucky	665,803	1,081,627
Tennessee	248,636	384,747
Alabama	240,692	342,005
Mississippi	60,497	64,756
WEST SOUTH CENTRAL:		
Arkansas	60,843	71,649
Louisiana	425,765	404,847
Oklahoma	168,805	253,422
Texas	636,156	1,354,584
MOUNTAIN:		
Montana	157,775	287,979
Idaho	81,113	107,276
Wyoming	70,111	32,490
Colorado	2,556,484	2,109,872
New Mexico	27,090	33,953
Arizona	72,680	121,599
Utah	551,584	836,574
Nevada	77,914	44,129
PACIFIC:		
Washington	356,756	527,155
Oregon	218,883	774,119
California	1,798,911	1,724,574

COMMERCIAL STOCKS OF LARD COMPOUNDS

NOT INCLUDING RETAIL STOCKS.

Lard compounds, as the term is here used, include all lard substitutes except those of purely vegetable composition, these latter comprising the "solid vegetable cooking fats" for which data are given below. The commercial stocks of such lard compounds, together with the quantities in transit, as reported in the Food Survey of July 1, 1918, by classes of business other than retail dealers, amounted to 50,410,780 pounds, of which total 46,418,514 pounds were reported as on hand and 3,992,266 pounds as in transit. The wholesale dealers held 41.6 per cent of the total stocks reported by all classes of business here considered; the meat packers, 31.5 per cent; the storage warehouses, 17.1 per cent; the bakers, 7.0 per cent; and a miscellaneous group of firms, 2.8 per cent. The stocks reported as on hand by the different classes of firms are shown in the first column of Table 5, and the quantities reported as in transit are shown in the last column. The relative stocks reported by the different classes are represented graphically in Diagram 4.

Table 7 shows the number of schedules received and tabulated for lard compounds.

Table 5.—Stocks of lard compounds reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.		
Total	<i>Pounds.</i> 46,418,514	<i>Pounds.</i> 40,138,154	98.4	<i>Pounds.</i> 40,773,811	<i>Pounds.</i> 3,992,266
Meat packers.....	14,613,928	14,629,548	96.9	15,097,917	2,029,694
Storage warehouses.....	7,920,198	5,280,831	197.1	2,679,188	9,700
Cold storages.....	1,034,574	879,771	156.4	562,354	9,700
Warehouses.....	6,885,624	4,401,060	207.9	2,116,834	9,700
Wholesale dealers.....	19,334,606	16,284,174	88.2	18,469,716	446,560
Wholesale grocers.....	15,333,163	12,745,902	82.5	15,445,268	364,285
Meat and provision jobbers.....	1,782,241	1,598,053	104.5	1,528,571	24,574
Other wholesale dealers.....	2,219,226	1,940,214	129.7	1,495,877	57,701
Bakers.....	3,242,882	2,716,184	95.1	2,855,368	12,490
Miscellaneous.....	1,306,900	1,227,417	73.4	1,671,622	1,493,822

DIAGRAM 4.—DISTRIBUTION OF TOTAL STOCKS OF LARD COMPOUNDS REPORTED FOR JULY 1, 1918, BY MANUFACTURERS, STORAGE HOUSES, AND WHOLESALE DEALERS.

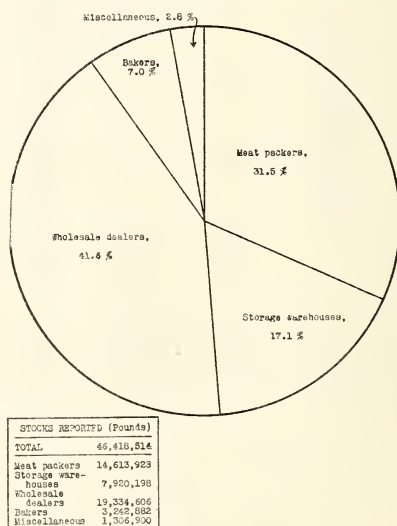


Table 6.—Stocks of lard compound reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported as on hand July 1, 1918.	Meat packers.	STORAGE WAREHOUSES.			WHOLESALE DEALERS.				Bakers.	Miscella- neous.	Quantity reported as in transit on July 1, 1918.
			Total.	Cold storages.	Ware- houses.	Total.	Wholesale grocers.	Meat and provision jobbers.	Other wholesale dealers.			
United States	Pounds. 46,418,514	Pounds. 14,613,928	Pounds. 7,920,198	Pounds. 1,034,574	Pounds. 6,885,624	Pounds. 19,334,606	Pounds. 15,333,168	Pounds. 1,782,218	Pounds. 2,219,220	Pounds. 3,242,882	Pounds. 1,306,900	Pounds. 3,992,266
GEOGRAPHIC DIVISIONS:												
New England:	3,194,432	1,224,938	509,156	74,164	434,992	929,932	557,274	259,578	113,080	416,769	113,637	54,455
New England:	8,729,590	2,530,775	2,372,722	186,603	2,186,119	2,246,867	1,419,506	346,967	480,394	1,231,263	347,963	96,197
Middle Atlantic:	4,346,160	1,522,998	658,463	12,733	645,730	1,376,835	1,128,164	147,729	100,942	691,916	95,948	853,368
East North Central:	4,098,990	1,891,617	1,120,213	49,134	1,071,059	818,060	598,565	121,020	98,475	243,043	24,057	561,713
South Atlantic:	9,110,518	2,279,672	1,574,428	113,480	1,460,948	4,874,332	3,671,656	401,487	801,189	286,132	95,954	613,221
East South Central:	5,030,951	1,251,447	323,862	---	323,862	3,365,183	2,836,680	63,969	464,534	85,358	5,101	86,707
West South Central:	8,020,388	2,075,513	1,074,777	587,700	487,077	4,388,295	4,076,188	270,671	41,436	57,514	424,289	1,393,345
Mountain:	1,201,896	400,068	16,656	300	16,356	730,093	648,726	63,211	16,136	54,522	557	84,207
Pacific:	2,687,589	1,436,900	269,921	10,440	259,481	605,009	396,409	105,586	103,014	176,365	199,394	249,053
NEW ENGLAND:												
Maine:	888,015	250,038	386,712	---	386,712	220,406	161,143	58,578	685	28,859	2,000	14,755
New Hampshire:	198,042	63,230	---	---	---	122,188	61,986	32,352	4,850	12,624	---	2,252
Vermont:	100,207	18,767	---	---	---	68,142	34,811	13,151	180	11,354	1,944	7,385
Massachusetts:	1,474,376	725,139	69,944	21,664	48,280	370,036	206,379	114,764	48,893	199,634	109,623	24,709
Rhode Island:	143,441	32,375	42,500	42,500	---	43,019	15,213	12,615	15,191	25,474	70	50
Connecticut:	390,351	135,386	10,000	10,000	---	106,141	51,742	8,118	43,281	138,824	---	5,294
MIDDLE ATLANTIC:												
New York:	4,299,544	780,412	1,303,230	182,103	1,121,127	1,357,760	861,575	204,159	292,026	799,870	61,272	16,286
New Jersey:	1,805,671	1,226,976	---	---	---	182,089	77,262	9,282	95,545	121,291	275,315	13,270
Pennsylvania:	2,624,375	523,387	1,009,492	4,500	1,064,992	707,018	480,669	133,526	92,823	313,102	11,376	21,641
EAST NORTH CENTRAL:												
Ohio:	1,177,225	206,630	350,468	1,498	348,970	406,580	353,871	39,990	12,719	206,235	7,312	7,342
Indiana:	417,292	63,021	86,010	2,800	83,210	175,532	145,341	30,161	30	91,937	792	3,230
Illinois:	1,877,248	794,254	93,390	1,300	92,090	235,123	168,565	30,377	36,181	170,797	83,684	820,517
Michigan:	857,845	306,437	65,190	---	65,190	319,428	253,632	46,801	38,675	161,550	2,472	19,787
Wisconsin:	516,550	152,656	63,405	7,135	56,270	240,172	225,735	400	13,057	58,388	1,739	2,492
WEST NORTH CENTRAL:												
Minnesota:	676,757	180,816	347,928	44,285	303,643	97,710	39,440	56,315	1,955	44,004	6,290	34,538
Iowa:	615,252	301,258	132,737	4,869	127,868	111,436	74,885	19,000	17,461	59,766	8,055	14,207
Missouri:	1,280,920	184,201	639,548	---	639,548	355,655	264,632	24,928	66,095	95,974	5,551	29,393
North Dakota:	56,075	28,160	---	---	---	20,670	18,882	1,788	---	6,745	500	7,110
South Dakota:	48,626	33,821	---	---	---	11,891	9,876	2,015	---	2,189	775	2,136
Nebraska:	508,982	442,636	---	---	---	49,762	36,003	16,309	3,450	16,484	100	68,060
Kansas:	912,363	720,725	---	---	---	170,936	154,847	6,575	9,514	17,931	2,777	406,269
SOUTH ATLANTIC:												
Delaware:	54,789	25,846	---	---	---	21,310	19,960	100	1,250	7,573	60	560
Maryland:	990,167	343,474	349,300	97,000	252,300	211,161	78,294	47,652	85,215	60,257	25,775	97,740
District of Columbia:	615,040	70,227	421,944	16,480	405,464	62,928	51,168	8,980	2,780	59,941	---	50
Virginia:	1,731,569	336,684	398,041	---	398,041	908,291	694,274	71,020	142,997	82,976	5,577	32,488
West Virginia:	527,517	193,759	1,980	---	1,980	311,951	289,639	8,812	13,500	19,192	635	20,948
North Carolina:	1,305,917	292,300	---	---	---	986,235	820,340	127,933	37,962	21,547	5,835	69,129
South Carolina:	760,059	156,369	144,691	---	144,691	471,306	377,525	39,225	54,556	3,004	4,599	88,135
Georgia:	1,732,834	312,827	199,402	---	199,402	1,148,389	890,961	93,725	101,703	19,403	53,173	270,580
Florida:	1,392,626	568,186	59,230	---	59,230	752,761	449,495	2,040	301,226	12,449	300	33,591
EAST SOUTH CENTRAL:												
Kentucky:	1,025,788	144,967	130,542	---	130,542	703,267	618,145	26,440	58,682	46,741	271	10,658
Tennessee:	1,607,811	337,620	185,720	---	185,720	1,069,988	1,025,310	2,400	42,278	13,898	585	37,897
Alabama:	1,588,041	425,564	7,600	---	7,600	1,128,741	742,927	26,940	358,874	21,891	4,245	25,252
Mississippi:	803,311	343,296	---	---	---	463,187	450,298	8,189	4,700	2,828	---	12,000
WEST SOUTH CENTRAL:												
Arkansas:	1,444,553	234,351	---	---	---	1,205,925	1,062,309	139,532	4,084	4,202	75	7,352
Louisiana:	2,693,320	751,744	771,844	582,170	189,674	874,729	786,465	85,096	3,168	6,569	288,432	156,819
Oklahoma:	737,611	255,836	13,470	---	13,470	450,829	447,129	---	3,700	17,176	300	21,677
Texas:	3,144,904	833,580	289,463	5,530	283,933	1,856,812	1,780,285	46,043	30,484	29,567	135,482	1,207,497
MOUNTAIN:												
Montana:	87,657	32,935	5,176	---	5,176	34,929	26,201	8,728	---	14,617	---	3,521
Idaho:	108,314	32,763	300	300	---	73,852	60,052	13,800	---	1,372	27	4,914
Wyoming:	5,810	---	---	---	---	3,930	---	---	---	3,344	---	---
Colorado:	347,330	172,083	3,800	---	3,800	150,581	100,033	41,128	220	21,037	30	54,852
New Mexico:	242,235	4,458	180	---	180	233,691	227,915	565	5,211	3,906	---	10,920
Arizona:	246,570	53,197	---	---	---	191,038	187,176	---	3,862	2,235	100	3,640
Utah:	148,157	93,080	7,200	---	7,200	42,020	34,167	990	6,863	5,457	400	5,360
Nevada:	11,549	10,743	---	---	---	252	252	---	---	554	---	1,000
PACIFIC:												
Washington:	501,681	203,506	101,833	5,600	96,233	156,696	62,455	50,376	43,865	37,491	2,155	4,858
Oregon:	356,305	223,118	24,103	---	24,103	87,685	78,520	4,145	5,020	21,016	383	14,105
California:	1,829,603	1,010,276	143,985	4,840	139,145	360,625	255,434	51,065	54,127	117,855	196,836	230,090

Table 7.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting lard compounds.

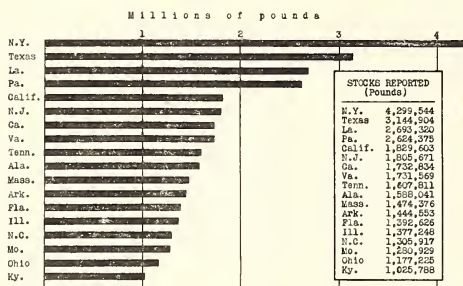
CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	7,306	5,772
Meat packers.....	962	888
Storage warehouses.....	118	85
Cold storages.....	27	21
Warehouses.....	91	64
Wholesale dealers.....	3,323	2,649
Wholesale grocers.....	2,668	2,127
Meat and provision jobbers.....	321	259
Other wholesale dealers.....	334	263
Bakers.....	2,727	2,028
Miscellaneous.....	176	122

Geographic Distribution of Stocks Reported.

The geographic distribution of the stocks of lard compounds covered by this report is shown in Table 6. The states of the South Atlantic division reported nearly one-fifth of the United States total, and the Middle Atlantic and West South Central divisions each reported more than one-sixth of the total. Among the individual states, New York ranked first, reporting nearly one-tenth of the total stocks, Texas second, Louisiana third, and Pennsylvania fourth. Diagram 5 shows graphically the stocks of lard compounds reported for the eighteen most important states.

The quantities reported as in transit are given by geographic divisions and states in the last column of Table 6.

Diagram 5.—Stocks of Lard Compounds Reported by Manufacturers, Storage Houses, and Wholesale Dealers for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

About seven-eighths of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for the date of the Survey. Comparative figures based on these two-year reports are given by classes of business in Table 5, and by geographic divisions and states in Table 8. The storage warehouses, it may be noticed, reported stocks for July 1, 1918, almost double those held by the same firms a year earlier, while the other classes of business concerns reported smaller stocks for the date of the Survey. The relative holdings of all classes of concerns except the miscellaneous group are shown in graphic form in Diagram 6.

Diagram 6.—Stocks of Lard Compounds Reported for July 1, 1918, and July 1, 1917, by Important Classes of Business.

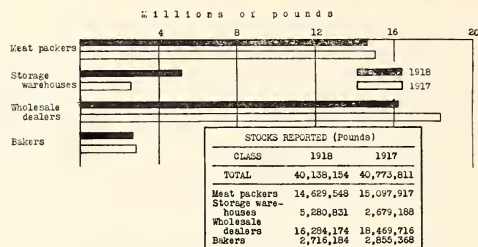


Table 8.—Comparative figures for lard compounds—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Stocks reported for July 1, 1918.	Stocks reported for July 1, 1917.
United States.....	Pounds. 40,138,154	Pounds. 40,773,811
GEOGRAPHIC DIVISIONS:		
New England.....	2,838,640	2,864,820
Middle Atlantic.....	7,250,227	6,387,799
East North Central.....	4,085,030	3,598,400
West North Central.....	3,741,990	3,186,011
South Atlantic.....	7,238,515	7,108,843
East South Central.....	4,591,094	4,893,905
West South Central.....	6,927,705	8,730,020
Mountain.....	1,045,729	1,000,319
Pacific.....	2,419,155	2,913,694
NEW ENGLAND:		
Maine.....	840,339	552,450
New Hampshire.....	190,878	223,785
Vermont.....	50,255	49,545
Massachusetts.....	1,377,829	1,586,653
Rhode Island.....	85,001	115,739
Connecticut.....	294,355	336,648
MIDDLE ATLANTIC:		
New York.....	3,774,930	2,891,277
New Jersey.....	1,726,258	1,862,697
Pennsylvania.....	1,749,039	1,633,825
EAST NORTH CENTRAL:		
Ohio.....	831,064	812,316
Indiana.....	367,301	288,622
Illinois.....	1,661,506	1,373,118
Michigan.....	749,633	841,506
Wisconsin.....	475,295	282,838
WEST NORTH CENTRAL:		
Minnesota.....	647,251	479,050
Iowa.....	471,003	436,639
Missouri.....	1,218,451	932,955
North Dakota.....	51,279	45,816
South Dakota.....	44,536	69,065
Nebraska.....	445,190	368,008
Kansas.....	864,264	853,978
SOUTH ATLANTIC:		
Delaware.....	52,273	27,263
Maryland.....	825,952	842,442
District of Columbia.....	181,765	143,860
Virginia.....	1,132,363	1,045,337
West Virginia.....	432,774	435,232
North Carolina.....	1,100,000	1,100,435
South Carolina.....	553,385	553,921
Georgia.....	1,539,793	1,813,914
Florida.....	1,319,210	1,145,439
EAST SOUTH CENTRAL:		
Kentucky.....	928,103	742,242
Tennessee.....	1,517,606	2,028,242
Alabama.....	1,458,345	1,204,382
Mississippi.....	687,040	919,039
WEST SOUTH CENTRAL:		
Arkansas.....	1,157,170	1,529,576
Louisiana.....	2,473,377	2,321,664
Oklahoma.....	823,219	1,193,377
Texas.....	2,667,739	3,485,403
MOUNTAIN:		
Montana.....	71,634	84,270
Idaho.....	98,813	102,873
Wyoming.....	5,244	6,760
Colorado.....	334,553	403,441
New Mexico.....	263,505	222,917
Arizona.....	180,655	143,631
Utah.....	137,903	111,730
Nevada.....	9,419	14,691
PACIFIC:		
Washington.....	437,516	522,370
Oregon.....	337,282	367,186
California.....	1,644,357	2,024,138

COMMERCIAL STOCKS OF SOLID VEG-
ETABLE COOKING FATS
NOT INCLUDING RETAIL STOCKS.

The commercial stocks of solid vegetable cooking fats, together with the quantities in transit, as reported in the Food Survey of July 1, 1918, by business concerns other than retail dealers, amounted to 42,636,551 pounds. Of this total, 35,606,241 pounds were reported as on hand and 7,030,310 pounds as in transit on the date of the Survey. The wholesale dealers held 38.3 per cent of the total stocks on hand; the warehouses, 19.8 per cent; the oil mills, 17.5 per cent; the meat packers, 13.7 per cent; the bakers, 4.9 per cent; and a miscellaneous group of concerns, 5.8 per cent. The stocks reported by each of these classes of concerns are given in the first column of Table 9, and the quantities in transit in the last column. The relative quantities reported by the several classes of concerns are shown graphically in Diagram 7.

The number of schedules received and tabulated for solid vegetable cooking fats is given in Table 10.

Table 9.—Stocks of solid vegetable cooking fats reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.				Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.		
		Quantity.	Per cent of 1917.			
Total	Pounds. 35,606,241	Pounds. 30,148,082	114.5	Pounds. 26,356,580	Pounds. 7,030,310	
Oil mills	6,217,803	6,217,803	121.6	5,112,533	6,511,554	
Warehouses	7,058,597	4,689,545	230.6	2,033,990	2,233	
Wholesale dealers	13,637,522	11,083,420	78.8	14,072,602	428,799	
<i>Wholesale grocers</i>	<i>11,396,730</i>	<i>9,325,227</i>	<i>77.2</i>	<i>12,076,984</i>	<i>391,084</i>	
<i>Meat and provision jobbers</i>	<i>291,909</i>	<i>251,996</i>	<i>174.9</i>	<i>144,089</i>	<i>3,226</i>	
<i>Other wholesale dealers</i>	<i>1,948,883</i>	<i>1,506,197</i>	<i>81.3</i>	<i>1,852,029</i>	<i>34,489</i>	
Meat packers	4,898,616	4,802,748	264.1	1,818,413	66,094	
Bakers	1,741,580	1,518,421	97.6	1,556,364	17,000	
Miscellaneous	2,052,123	1,836,145	105.4	1,742,678	4,630	

Diagram 7.—Distribution of Total Stocks of Solid Vegetable Cooking Fats Reported for July 1, 1918, by Manufacturers, Storage Houses, and Wholesale Dealers.

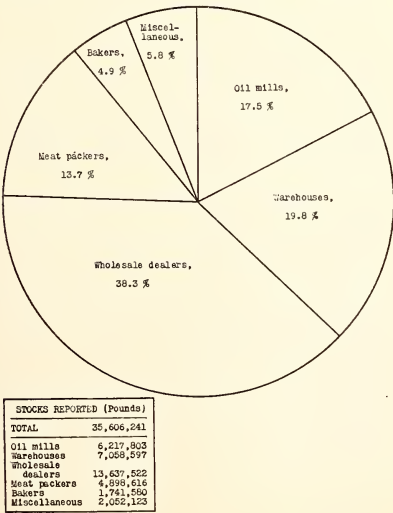


Table 10.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting solid vegetable cooking fats.

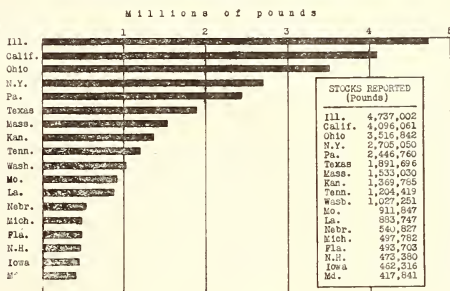
CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	3,673	2,885
Oil mills.....	15	15
Warehouses.....	60	40
Wholesale dealers.....	2,279	1,822
Wholesale grocers.....	2,066	1,655
Meat and provision jobbers.....	60	52
Other wholesale dealers.....	153	115
Meat packers.....	295	262
Bakers.....	734	515
Miscellaneous.....	290	231

Geographic Distribution of Stocks Reported.

The geographic distribution of the stocks of this commodity reported by commercial concerns other than retail dealers is shown in Table 11. The East North Central division ranked first, reporting a little more than one-fourth of the total, the Pacific division second, and the Middle Atlantic division third. Among the individual states, Illinois stood first, California second, Ohio third, New York fourth, and Pennsylvania fifth. Diagram 8 shows in graphic form the stocks reported for the eighteen most important states.

The quantities reported as in transit are given by geographic divisions and states in the last column of Table 11.

Diagram 8.—Stocks of Solid Vegetable Cooking Fats Reported by Manufacturers, Storage Houses, and Wholesale Dealers for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

About six-sevenths of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 9, and by geographic divisions and states in Table 12. The figures indicate a considerable increase in the aggregate stocks on hand on July 1, 1918, as compared with those held by the same concerns one year earlier. The meat packers reported stocks for the date of the Survey more than two and one-half times as large as their holdings on July 1, 1917, and the warehouses show an increase almost as great. These large increases are partly offset, however, by decreases in the stocks held by wholesale dealers and bakers, making the total holdings of solid vegetable cooking fats on the date of the Survey 14.5 per cent larger than those on July 1, 1917. The stocks reported for the two dates by oil mills, warehouses, wholesale dealers, and meat packers are represented in graphic form in Diagram 9.

Table 11.—Stocks of solid vegetable cooking fats reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported as on hand July 1, 1918.	Oil mills.	Ware- houses.	WHOLESALE DEALERS.				Meat packers.	Bakers.	Miscella- neous.	Quantity reported as in transit on July 1, 1918.
				Total.	Wholesale grocers.	Meat and provision jobbers.	Other wholesale dealers.				
United States	Pounds. 35,606,241	Pounds. 6,217,803	Pounds. 7,058,597	Pounds. 13,637,522	Pounds. 11,396,730	Pounds. 291,909	Pounds. 1,948,883	Pounds. 4,898,616	Pounds. 1,741,580	Pounds. 2,052,123	Pounds. 7,030,310
GEOGRAPHIC DIVISIONS:											
New England	2,257,806		1,109,655	482,429	352,863	14,998	114,568	91,331	93,252	481,139	7,113
Middle Atlantic	5,411,383	2,035,136	294,551	1,993,580	1,377,024	23,811	592,745	222,668	580,437	285,011	391,878
East North Central	9,472,714	2,507,841	1,183,498	1,559,861	1,304,372	21,249	234,004	2,066,860	558,521	756,133	4,221,066
West North Central	3,819,777	860,027	907,025	1,315,025	1,222,048	26,898	66,679	462,128	206,903	68,069	1,914,332
South Atlantic	2,254,999	55,140	356,919	1,360,745	1,230,700	19,446	310,599	136,928	78,114	67,133	43,302
East South Central	1,864,228	482,978	50,930	1,138,063	660,085	123,467	354,511	116,826	16,707	58,724	56,177
West South Central	3,854,736	276,681	74,303	2,883,066	2,795,889	17,213	69,964	300,224	39,974	285,783	117,286
Mountain	1,144,182		203,965	844,507	817,925	18,250	8,332	53,564	21,986	20,160	33,704
Pacific	5,526,416		2,877,751	1,859,046	1,635,624	26,577	197,445	608,087	150,981	29,951	225,392
NEW ENGLAND:											
Maine	92,234		2,300	61,476	57,641	3,835		13,104	14,526	828	688
New Hampshire	473,380			29,882	25,198	4,684		720	1,209	441,569	308
Vermont	13,321			10,927	10,927				259	2,635	147
Massachusetts	1,533,030		1,107,355	288,824	170,553	6,178	111,793	45,520	56,434	34,897	4,712
Rhode Island	52,203			19,952	18,123	1	1,528	26,656	4,595	1,000	100
Connecticut	93,138			71,368	70,121		1,247	5,331	16,229	210	1,158
MIDDLE ATLANTIC:											
New York	2,705,050	1,191,958		979,012	624,920	5,955	348,137	32,805	375,141	126,134	260,998
New Jersey	259,573			96,749	88,522	183	8,044	53,891	23,298	85,635	82
Pennsylvania	2,446,760	843,178	294,551	917,819	663,582	17,673	236,564	135,972	181,998	73,242	130,798
EAST NORTH CENTRAL:											
Ohio	3,516,842	2,507,841	168,150	623,360	476,338	600	146,422	16,743	128,152	72,596	4,200,527
Indiana	306,764		41,330	177,581	145,197	16,197	16,187	17,359	60,634	9,860	2,254
Illinois	4,737,002		838,930	343,557	310,424	2,232	30,901	2,840,196	202,602	511,717	9,505
Michigan	497,782		87,528	267,252	253,122	2,220	11,910	16,942	96,708	29,352	4,838
Wisconsin	414,324		47,560	148,111	119,491			28,620	15,020	132,608	3,942
WEST NORTH CENTRAL:											
Minnesota	405,072			125,870	125,440		430	203,828	55,277	20,097	6,433
Iowa	462,316		117,380	248,966	226,853		22,113	26,965	56,846	12,159	7,980
Missouri	911,547		465,200	354,406	315,683	17,205	2,714	17,779	14,748	14,748	10,168
North Dakota	86,889			79,271	79,271		7,019	473	126	126	2,419
South Dakota	43,041			27,285	24,722		2,563	3,660	5,641	6,455	
Nebraska	540,827		324,445	112,223	99,304	7,400	5,519	79,981	11,252	12,926	10,855
Kansas	1,369,785	860,027		367,604	350,775	2,293	14,536	134,961	5,635	1,558	1,876,537
SOUTH ATLANTIC:											
Delaware	30,026			9,856	9,856				20,170		250
Maryland	417,841		243,870	98,411	85,020	2,940	10,451		22,703	32,851	398
District of Columbia	75,095		6,000	66,298	47,968		18,330	2,760	37		30,060
Virginia	215,319		20,555	167,660	155,276	4,050	8,334	20,005	6,437	662	1,622
West Virginia	328,477		67,336	240,555	240,404		151	11,097	9,489		12,330
North Carolina	236,045			191,276	163,145	12,456	15,675	28,014	3,315	13,440	2,288
South Carolina	81,845			74,255	62,400		11,855	7,390			3,590
Georgia	376,648		19,158	293,409	295,409		48,508	13,373		200	9,982
Florida	493,703	55,140		417,025	171,222		245,803	18,954	2,584		2,582
EAST SOUTH CENTRAL:											
Kentucky	199,128			159,484	113,284		46,200	31,244	5,587	2,813	180
Tennessee	1,204,410	482,978	36,010	618,849	308,132	6,080	304,617	6,655	4,832	55,035	47,288
Alabama	362,462		14,920	280,125	159,130	117,387	3,608	60,608	5,993	816	6,495
Mississippi	98,219			79,605	79,519		86	18,319	295		2,214
WEST SOUTH CENTRAL:											
Arkansas	711,114			684,390	619,608		64,782	19,592	7,132		8,427
Louisiana	883,747		33,620	429,149	413,795	11,727	3,627	127,166	10,960	282,852	11,440
Oklahoma	368,179		40,683	314,432	314,432			11,240	1,320	504	5,006
Texas	1,891,696	276,681		1,455,095	1,448,054	5,486	1,555	142,226	15,267	2,427	92,413
MOUNTAIN:											
Montana	77,779			58,187	55,287		2,900	12,195	7,207	190	1,070
Idaho	177,180			172,241	164,334	7,517	390	2,173	966	1,800	1,474
Wyoming	23,094			23,059	23,059				35		2,240
Colorado	333,609		148,335	137,370	126,160	10,733	177	29,925	13,349	4,630	21,870
New Mexico	143,613			143,516	143,366		156		97		600
Arizona	228,329			228,222	223,807		4,415		32	75	5,650
Utah	152,517		55,630	74,271	74,271			8,851	300	13,465	1,300
Nevada	8,061			7,641	7,641			420			
PACIFIC:											
Washington	1,027,351		422,502	511,665	402,737	10,000	98,928	46,807	42,855	3,422	13,212
Oregon	403,104		177,467	208,379	205,129		3,250		16,843	415	6,032
California	4,096,061		2,277,782	1,139,602	1,027,758	16,577	95,267	561,280	91,283	26,114	206,088

DIAGRAM 9.—STOCKS OF SOLID VEGETABLE COOKING FATS REPORTED FOR JULY 1, 1918, AND JULY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

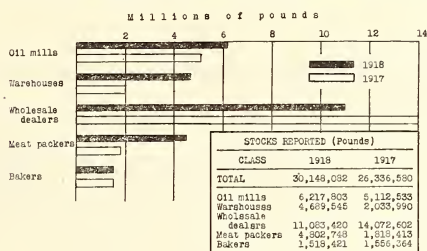


Table 12.—Comparative figures for solid vegetable cooking fats—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

Geographic Division and State.	Stocks reported for July 1, 1918.	Stocks reported for July 1, 1917.
United States	Pounds. 30,148,082	Pounds. 26,336,580
Geographic Divisions:		
New England.....	2,152,994	1,033,788
Middle Atlantic.....	4,901,493	3,623,375
East North Central.....	7,974,638	4,920,449
West North Central.....	3,413,380	2,924,936
South Atlantic.....	1,841,419	2,686,858
East South Central.....	1,573,377	1,725,855
West South Central.....	3,167,967	3,500,234
Mountain.....	858,884	858,634
Pacific.....	4,263,910	5,062,451
New England:		
Maine.....	118,994	118,192
New Hampshire.....	470,773	167,197
Vermont.....	4,215	8,115
Massachusetts.....	1,466,767	557,400
Rhode Island.....	44,517	49,874
Connecticut.....	82,728	133,010
Middle Atlantic:		
New York.....	2,389,520	1,677,726
New Jersey.....	216,128	681,149
Pennsylvania.....	2,295,845	1,254,500
East North Central:		
Ohio.....	3,206,204	3,340,788
Indiana.....	205,018	178,137
Illinois.....	3,904,037	846,424
Michigan.....	450,721	418,827
Wisconsin.....	208,678	136,273
West North Central:		
Minnesota.....	394,015	574,071
Iowa.....	305,773	369,855
Missouri.....	825,341	414,885
North Dakota.....	79,325	34,474
South Dakota.....	26,632	49,915
Nebraska.....	511,060	538,082
Kansas.....	1,271,234	943,054
South Atlantic:		
Delaware.....	23,785	14,432
Maryland.....	341,726	1,132,297
District of Columbia.....	66,305	54,622
Virginia.....	183,267	158,841
West Virginia.....	197,394	164,462
North Carolina.....	175,064	98,646
South Carolina.....	61,093	136,979
Georgia.....	344,249	522,351
Florida.....	448,506	384,228
East South Central:		
Kentucky.....	164,738	237,657
Tennessee.....	980,119	860,490
Alabama.....	332,633	360,365
Mississippi.....	95,887	267,343
West South Central:		
Arkansas.....	623,952	911,492
Louisiana.....	765,334	798,668
Oklahoma.....	247,244	267,198
Texas.....	1,531,437	1,492,876
Mountain:		
Montana.....	68,704	60,022
Idaho.....	169,663	202,373
Wyoming.....	8,223	6,003
Colorado.....	257,035	227,585
New Mexico.....	96,231	123,646
Arizona.....	161,562	141,077
Utah.....	89,065	88,045
Nevada.....	7,641	9,883
Pacific:		
Washington.....	952,629	508,351
Oregon.....	345,427	325,185
California.....	2,965,854	4,138,915

COMMERCIAL SUPPLY OF OLEO STOCK, OLEO OIL, AND EDIBLE TALLOW

NOT INCLUDING RETAIL STOCKS.

The commercial supply of oleo stock, oleo oil, and edible tallow reported as on hand and in transit, in the Food Survey of July 1, 1918, by classes of business concerns other than retail dealers, amounted to 32,507,179 pounds, the stocks on hand being 31,481,052 pounds and the quantities in transit 1,026,127 pounds. Of the total stocks reported as on hand, the meat packers held 64.7 per cent; the cold storages, 17.3 per cent; the oleomargarine manufacturers, 7.5 per cent; and a miscellaneous group of concerns, 10.5 per cent. The stocks reported by each of these classes of firms are shown in the first column of Table 13, and the quantities in transit in the last column. The relative stocks held by the several classes of concerns are shown in graphic form in Diagram 10.

The number of schedules received and tabulated for oleo stock, oleo oil, and edible tallow is shown, by classes of business, in Table 15.

Table 13.—Stocks of oleo stock, oleo oil, and edible tallow reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.		
Total	Pounds. 31,481,052	Pounds. 26,601,692	87.8	Pounds. 30,281,095	Pounds. 1,026,127
Meat packers	20,369,731	20,146,481	90.6	22,225,375	970,391
Cold storages	5,435,139	2,344,758	60.9	3,849,806	
Oleomargarine manufacturers	2,369,142	1,717,069	95.3	1,802,472	870,000
Miscellaneous	3,307,040	2,393,384	99.6	2,403,442	54,866

DIAGRAM 10.—DISTRIBUTION OF TOTAL STOCKS OF OLEO STOCK, OLEO OIL, AND EDIBLE TALLOW REPORTED FOR JULY 1, 1918, BY MANUFACTURERS, STORAGE HOUSES, AND WHOLESALE DEALERS.

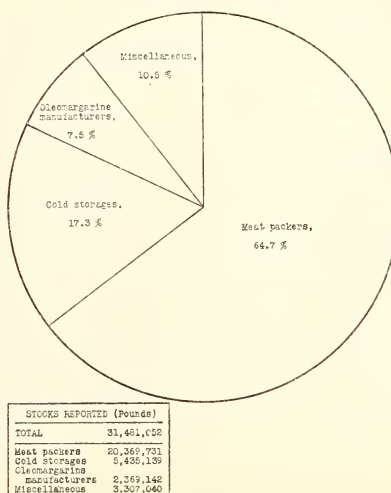


Table 14.—Stocks of oleo stock, oleo oil, and edible tallow reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

Geographic Division and State.	Total stocks reported as on hand July 1, 1918.	Meat packers.	Cold storages.	Oleomargarine manufacturers.	Miscellaneous.	Quantity reported as in transit on July 1, 1918.
	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
United States	31,481,052	20,369,731	5,435,139	2,369,142	3,307,040	1,026,127
Geographic Divisions:						
New England	2,680,274	242,178	513,290	229,445	1,695,361	5,634
Middle Atlantic	9,032,807	3,255,108	4,192,943	677,185	907,571	184,715
East North Central	7,636,220	5,470,741	720,490	1,316,153	128,786	296,634
West North Central	9,371,442	9,178,142	4,606	120,036	68,658	537,391
South Atlantic	502,681	274,427		26,323	201,931	113
East South Central	57,216	45,182			12,034	60
West South Central	1,119,850	1,033,345	750		85,755	980
Mountain	197,430	185,899			11,531	
Pacific	883,132	684,659	5,060		195,413	400
New England:						
Maine	201,235	12,036	3,600		185,599	
New Hampshire	51,643				51,643	
Vermont	4,133	1,425			2,708	300
Massachusetts	1,875,458	228,717	390,690	206,071	1,049,980	5,334
Rhode Island	262,745		119,000	23,374	120,371	
Connecticut	285,060				285,060	
Middle Atlantic:						
New York	4,575,116	2,292,179	1,816,870	22,050	444,017	184,715
New Jersey	3,958,906	707,227	2,368,732	655,135	227,812	
Pennsylvania	498,785	255,702	7,341		235,742	
East North Central:						
Ohio	318,024	154,912	36,000	67,085	60,027	
Indiana	303,458	298,347			5,111	
Illinois	6,352,365	4,791,785	260,900	1,247,225	52,455	296,250
Michigan	587,773	157,441	423,590		6,722	
Wisconsin	74,600	68,286		1,843	4,471	384
West North Central:						
Minnesota	353,783	346,503			7,280	
Iowa	679,448	662,880	4,600		11,962	36,869
Missouri	1,361,021	1,202,694		120,036	38,291	41,544
North Dakota	240				240	
South Dakota	2,063	2,013			50	2,945
Nebraska	4,481,214	4,479,369			1,845	456,233
Kansas	2,493,673	2,484,683			8,990	
South Atlantic:						
Delaware	3,150	3,150				
Maryland	290,911	150,010		26,323	114,578	
District of Columbia	7,830	7,500			330	
Virginia	71,496	68,336			3,160	38
West Virginia	13,460	13,010			450	
North Carolina	2,661	1,396			1,265	75
South Carolina	390				390	
Georgia	81,780	55			81,725	
Florida	31,003	30,970			33	
East South Central:						
Kentucky	12,694	3,639			9,055	60
Tennessee	40,233	39,079			1,154	
Alabama	3,389	1,564			1,825	
Mississippi	900	900				
West South Central:						
Arkansas	1,500				1,500	
Louisiana	88,661	52,776			35,885	
Oklahoma	113,110	112,304	750		56	
Texas	916,579	868,265			48,314	980
Mountain:						
Montana	1,672	1,500			172	
Idaho	5,696	2,983			2,713	
Wyoming	48				48	
Colorado	178,288	175,606			2,682	
New Mexico	750				750	
Arizona	450				450	
Utah	10,526	5,810			4,716	
Nevada						
Pacific:						
Washington	61,847	51,854	960		9,033	
Oregon	73,156	40,159	2,100		30,897	
California	748,129	592,646			155,483	400

Table 15.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting oleo stock, oleo oil, and edible tallow.

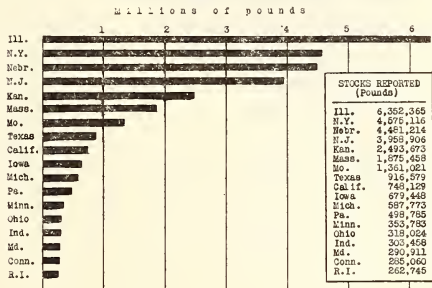
CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	732	561
Meat packers.....	214	182
Cold storages.....	32	15
Oleomargarine manufacturers.....	22	18
Miscellaneous.....	464	346

Geographic Distribution of Stocks Reported.

The geographic distribution of the supply of oleo stock, oleo oil, and edible tallow reported by the several classes of business is given in Table 14. More than four-fifths of the stocks of this commodity reported were held in three geographic divisions, namely, the Middle Atlantic, the East North Central, and the West North Central. Among the individual states, Illinois ranked first, with about one-fifth of the total stocks, New York second, Nebraska third, and New Jersey fourth. It may be noted that three-fourths of the stocks reported from the state of Illinois and practically the entire stocks reported from Kansas and Nebraska were held by the meat packers. The stocks reported for the eighteen most important states are shown in graphic form in Diagram 11.

The quantities reported as in transit on the date of the Survey are given by geographic divisions and states in the last column of Table 14.

Diagram 11.—Stocks of Oleo Stock, Oleo Oil, and Edible Tallow Reported by Manufacturers, Storage Houses, and Wholesale Dealers for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

About five-sixths of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 13, and by geographic divisions and states in Table 16. These figures show that the stocks of all classes of firms reporting were somewhat smaller on the date of the Survey than they were one year earlier, the decrease in the aggregate stocks amounting to 12.2 per cent. The relative stocks held on the two dates are shown in graphic form in Diagram 12 for each class of business except the miscellaneous group.

Diagram 12.—Stocks of Oleo Stock, Oleo Oil, and Edible Tallow Reported for July 1, 1918, and July 1, 1917, by Important Classes of Business.

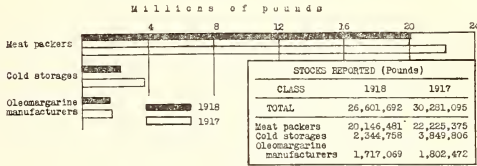


Table 16.—Comparative figures for oleo stock, oleo oil, and edible tallow—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

Geographic Division and State.	Stocks reported for July 1, 1918.	Stocks reported for July 1, 1917.
	Pounds.	Pounds.
United States.....	26,601,692	30,281,095
Geographic Divisions:		
New England.....	1,903,875	1,692,292
Middle Atlantic.....	6,086,711	8,723,339
East North Central.....	6,863,410	6,450,870
West North Central.....	9,335,342	10,584,949
South Atlantic.....	339,208	331,948
East South Central.....	47,218	113,833
West South Central.....	1,119,400	1,060,092
Mountain.....	181,253	206,788
Pacific.....	725,215	1,116,984
New England:		
Maine.....	197,240	128,931
New Hampshire.....	51,643	66,307
Vermont.....	4,133	935
Rhode Island.....	1,261,651	1,181,336
Massachusetts.....	143,645	154,858
Connecticut.....	245,563	159,925
Middle Atlantic:		
New York.....	2,849,198	6,187,279
New Jersey.....	2,748,651	1,728,805
Pennsylvania.....	488,862	807,255
East North Central:		
Ohio.....	256,249	395,456
Indiana.....	303,056	417,589
Illinois.....	5,072,162	5,459,952
Michigan.....	159,101	92,688
Wisconsin.....	72,842	85,175
West North Central:		
Minnesota.....	348,273	185,988
Iowa.....	678,873	450,679
Missouri.....	1,346,196	1,370,466
North Dakota.....	240	2,713
South Dakota.....	2,063	8,306
Nebraska.....	4,479,584	5,827,107
Kansas.....	2,480,113	2,539,696
South Atlantic:		
Delaware.....	3,150	9,300
Maryland.....	166,001	212,989
District of Columbia.....	7,500	10,065
Virginia.....	71,346	28,759
West Virginia.....	1,170	4,065
North Carolina.....	2,661	2,017
South Carolina.....	30	60
Georgia.....	73,040	60,405
Florida.....	14,370	3,692
East South Central:		
Kentucky.....	2,826	1,580
Tennessee.....	40,103	107,289
Alabama.....	3,389	4,964
Mississippi.....	900	-----
West South Central:		
Arkansas.....	1,500	2,052
Louisiana.....	88,661	203,358
Oklahoma.....	113,110	143,389
Texas.....	916,129	711,293
Mountain:		
Montana.....	1,672	2,449
Idaho.....	2,313	1,725
Wyoming.....	48	24
Colorado.....	169,319	129,035
New Mexico.....	750	1,150
Arizona.....	450	2,070
Utah.....	6,701	71,337
Nevada.....	-----	-----
Pacific:		
Washington.....	59,647	41,693
Oregon.....	48,325	18,445
California.....	617,243	1,056,846

COMMERCIAL STOCKS OF COTTON-SEED OIL

NOT INCLUDING RETAIL STOCKS.

The commercial stocks of cottonseed oil, together with the quantities in transit, as reported in the Food Survey of July 1, 1918, by concerns other than retail dealers, amounted to 41,718,674 gallons, of which amount 40,555,883 gallons constituted the stocks on hand on the date of the Survey, and 1,162,791 gallons the quantities in transit. Of the total stocks reported as on hand, the oil mills held 48.2 per cent; the meat packers, 41.3 per cent; the warehouses, 3.9 per cent; the wholesale dealers, 2.3 per cent; the bakers, 0.8 per cent; and a miscellaneous group of firms, 3.5 per cent. The stocks reported by each of these classes of concerns are given in the first column of Table 17, and the quantities in transit in the last column. The relative quantities reported by the several classes are shown in graphic form in Diagram 13.

The number of schedules received and tabulated for cottonseed oil is shown in Table 18.

Table 17.—Stocks of cottonseed oil reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.		
Total	Gallons. 40,555,883	Gallons. 38,561,197	108.2	Gallons. 35,644,835	Gallons. 1,162,791
Oil mills	19,533,793	19,347,241	91.3	21,183,524	1,087,930
Warehouses	1,574,060	356,114	47.9	744,107	1,617
Wholesale dealers	933,797	788,296	100.4	785,259	27,162
<i>Wholesale grocers</i>	641,581	518,465	92.3	561,530	18,351
<i>Other wholesale dealers</i>	292,216	269,831	120.6	223,729	8,811
Meat packers	16,744,644	16,652,335	138.8	11,996,332	43,026
Bakers	332,533	307,734	95.7	321,628	355
Miscellaneous	1,437,056	1,109,477	180.7	613,985	2,701

Diagram 13.—Distribution of Total Stocks of Cottonseed Oil Reported for July 1, 1918, by Manufacturers, Storage Houses, and Wholesale Dealers.

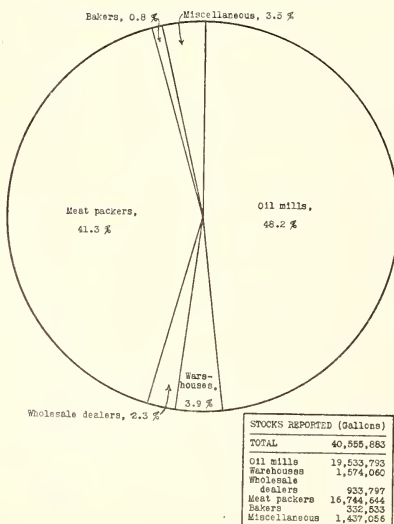


Table 18.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting cottonseed oil.

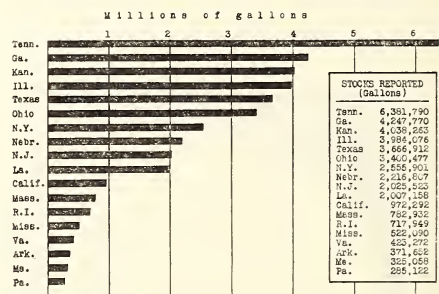
CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total	4,170	3,304
Oil mills.....	173	142
Warehouses.....	83	50
Wholesale dealers.....	2,473	1,974
Wholesale grocers.....	2,210	1,767
Other wholesale dealers.....	263	210
Meat packers.....	225	207
Bakers.....	929	715
Miscellaneous.....	287	216

Geographic Distribution of Stocks Reported.

The stocks of cottonseed oil reported from each geographic division and state are given, by classes of business, in Table 19. The East North Central and the East South Central divisions each reported nearly one-fifth of the total stocks for the country, the West North Central division ranking third and the West South Central fourth. Tennessee ranked first among the states, Georgia second, Kansas third, and Illinois fourth. The stocks reported for the eighteen most important states are shown in graphic form in Diagram 14.

The quantities reported as in transit are given by geographic divisions and states in the last column of Table 19.

Diagram 14.—Stocks of Cottonseed Oil Reported by Manufacturers, Storage Houses, and Wholesale Dealers for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

About 94 per cent of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 17, and by geographic divisions and states in Table 20. These figures show marked increases for the meat packers and the miscellaneous group of firms, and decreases for the oil mills, the warehouses, and the bakers, while the stocks held by the wholesale dealers as a group show little change. The aggregate stocks reported for the date of the Survey were 8.2 per cent larger than those held by the same firms one year earlier. The stocks reported for the two dates are shown graphically, for each of the classes of firms except the miscellaneous group, in Diagram 15.

Table 19.—Stocks of cottonseed oil reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported as on hand July 1, 1918.	Oil mills.	Ware-houses.	WHOLESALE DEALERS.			Meat packers.	Bakers.	Miscellaneous.	Quantity reported as in transit on July 1, 1918.
				Total.	Whole-sale grocers.	Other wholesale dealers.				
United States	Gallons. 40,555,883	Gallons. 19,533,793	Gallons. 1,574,060	Gallons. 933,797	Gallons. 641,581	Gallons. 292,216	Gallons. 16,744,644	Gallons. 332,533	Gallons. 1,437,056	Gallons. 1,162,791
GEOGRAPHIC DIVISIONS:										
New England	1,849,119	676,587	45,273	54,618	47,916	6,702	711,110	26,021	335,510	11,539
Middle Atlantic	4,866,546	2,028,792	1,276,991	293,835	212,803	81,032	807,075	128,417	331,436	209,496
East North Central	7,591,978	3,589,069	73,078	92,490	69,261	23,229	3,429,924	67,139	340,278	118,645
West North Central	6,488,662	870,023	43,908	30,216	25,717	4,499	5,513,487	17,426	13,602	4,355
South Atlantic	5,275,386	4,836,380	88,910	198,395	56,314	142,081	35,397	65,040	51,264	206,039
East South Central	7,134,055	5,273,522	3,463	22,851	16,953	5,898	1,827,267	5,726	1,226	205,190
West South Central	6,101,365	2,073,359	1,970	108,788	93,258	15,530	3,000,342	3,643	313,263	363,248
Mountain	147,686	10,687	3,237	14,023	13,597	426	111,612	7,766	361	10,056
Pacific	1,106,886	175,174	37,230	118,581	105,762	12,819	708,430	11,355	50,116	4,183
NEW ENGLAND:										
Maine	325,058	—	5,700	7,368	2,826	4,542	12	71	311,907	5,053
New Hampshire	1,756	—	—	1,180	1,180	—	—	551	25	10
Vermont	869	—	—	192	192	—	—	—	—	—
Massachusetts	782,932	—	1,422	28,020	26,146	1,874	710,749	21,402	21,339	4,251
Rhode Island	717,949	676,587	33,350	5,251	5,154	97	—	1,166	1,565	2,245
Connecticut	20,555	—	4,801	12,607	12,418	189	349	2,154	644	—
MIDDLE ATLANTIC:										
New York	2,555,901	813,684	1,206,711	166,727	132,695	34,032	44,565	40,641	289,573	146,885
New Jersey	2,025,523	1,214,510	10	17,744	15,065	2,679	751,949	5,286	36,024	59,240
Pennsylvania	285,122	598	76,270	109,364	65,043	44,321	10,561	82,490	8,839	3,361
EAST NORTH CENTRAL:										
Ohio	3,400,477	3,147,572	21,477	24,477	23,159	1,318	76,897	27,215	102,839	107,061
Indiana	93,530	—	17,986	9,505	2,250	7,255	60,483	4,334	1,222	120
Illinois	3,984,076	441,497	21,600	42,468	30,860	11,608	3,236,658	12,406	229,447	8,696
Michigan	80,733	—	8,460	8,483	6,663	1,820	45,670	16,787	1,333	108
Wisconsin	33,162	—	3,555	7,557	6,329	1,228	10,216	6,397	5,437	2,597
WEST NORTH CENTRAL:										
Minnesota	113,635	—	7,749	5,761	5,761	—	97,740	1,668	717	1,380
Iowa	52,467	—	3,520	2,188	1,559	629	41,386	5,348	25	59
Missouri	61,067	—	32,639	7,019	3,534	3,485	1,369	7,651	12,389	483
North Dakota	814	—	—	434	434	—	—	380	—	25
South Dakota	5,609	—	—	5,607	5,607	2	—	—	—	—
Nebraska	2,216,807	—	—	8,270	7,920	350	2,206,779	1,758	—	120
Kansas	4,038,263	870,023	—	937	902	35	3,166,213	619	471	2,288
SOUTH ATLANTIC:										
Delaware	2,349	—	—	606	606	—	600	1,068	75	8
Maryland	161,335	104	17,257	24,392	10,310	14,082	25,533	45,254	48,795	696
District of Columbia	198,561	182,175	1,893	5,015	1,699	3,316	184	9,244	50	65,000
Virginia	423,272	225,153	66,000	124,648	4,648	120,000	3,781	2,378	1,312	7,705
West Virginia	5,168	—	527	4,170	3,591	579	—	423	48	105
North Carolina	25,418	19,563	—	5,582	5,298	284	200	73	—	36,456
South Carolina	61,075	53,898	—	5,085	5,085	—	2,092	—	—	22,275
Georgia	4,247,770	4,218,583	3,233	20,497	20,068	429	2,857	1,616	984	49,709
Florida	150,438	136,904	—	8,400	5,009	3,391	150	4,984	—	24,025
EAST SOUTH CENTRAL:										
Kentucky	35,216	26,088	—	6,381	2,418	3,963	150	1,507	1,090	43,071
Tennessee	6,381,790	4,545,670	3,463	4,629	3,977	652	1,827,060	838	130	128,402
Alabama	194,959	183,119	—	8,422	7,139	1,283	35	3,377	6	15,302
Mississippi	522,090	518,645	—	3,419	3,419	—	22	4	—	18,415
WEST SOUTH CENTRAL:										
Arkansas	371,652	318,290	—	9,229	2,038	7,191	36,562	70	7,471	112,174
Louisiana	2,007,158	956,334	—	20,798	17,345	3,453	990,008	1,628	35,300	121,482
Oklahoma	55,843	9,192	—	2,190	2,190	—	44,451	10	—	8,200
Texas	3,666,912	789,743	1,970	76,571	71,685	4,886	2,529,201	1,935	267,492	151,392
MOUNTAIN:										
Montana	3,871	—	—	1,098	1,098	—	329	2,444	—	23
Idaho	3,695	—	—	3,348	3,298	50	347	—	—	—
Wyoming	294	—	—	294	294	—	—	—	—	—
Colorado	112,185	—	962	2,801	2,559	242	106,232	1,839	351	20
New Mexico	2,997	—	—	2,997	2,892	105	—	—	—	20
Arizona	13,034	10,687	—	2,337	2,308	29	—	—	—	10,007
Utah	9,405	—	2,275	688	688	—	3,017	3,425	10	—
Nevada	2,205	—	—	460	460	—	1,687	58	—	6
PACIFIC:										
Washington	79,411	—	530	14,761	13,575	1,186	63,198	902	—	356
Oregon	49,183	—	4,950	11,270	8,934	2,336	23,608	1,992	7,363	252
California	972,292	175,174	31,730	92,550	83,253	9,297	621,624	8,461	42,753	3,575

DIAGRAM 15.—STOCKS OF COTTONSEED OIL REPORTED FOR JULY 1, 1918, AND JULY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

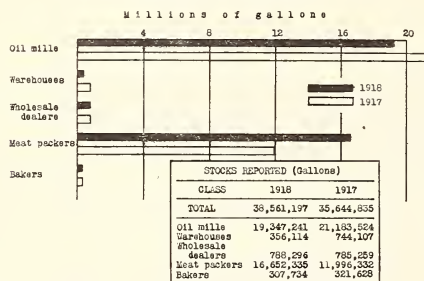


Table 20.—Comparative figures for cottonseed oil—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Stocks reported for July 1, 1918.	Stocks reported for July 1, 1917.
	Gallons.	Gallons.
United States	38,561,197	35,644,835
GEOGRAPHIC DIVISIONS:		
New England.....	1,786,208	1,967,688
Middle Atlantic.....	3,522,057	5,245,361
East North Central.....	7,429,765	9,053,753
West North Central.....	6,466,125	2,818,379
South Atlantic.....	5,091,989	4,971,574
East South Central.....	7,080,978	3,190,805
West South Central.....	6,010,043	7,104,012
Mountain.....	141,480	172,317
Pacific.....	1,032,552	1,120,946
NEW ENGLAND:		
Maine.....	310,208	198,581
New Hampshire.....	1,313	1,184
Vermont.....	775	393
Massachusetts.....	775,039	1,370,717
Rhode Island.....	682,754	381,317
Connecticut.....	16,119	15,521
MIDDLE ATLANTIC:		
New York.....	1,267,747	2,282,948
New Jersey.....	1,994,874	2,733,478
Pennsylvania.....	259,936	228,935
EAST NORTH CENTRAL:		
Ohio.....	3,302,949	5,822,299
Indiana.....	73,227	109,066
Illinois.....	3,957,291	3,045,032
Michigan.....	68,284	55,417
Wisconsin.....	28,014	21,339
WEST NORTH CENTRAL:		
Minnesota.....	112,580	56,103
Iowa.....	48,376	79,911
Missouri.....	56,606	91,306
North Dakota.....	422	913
South Dakota.....	5,426	2,857
Nebraska.....	2,216,388	1,133,530
Kansas.....	4,026,318	1,462,759
SOUTH ATLANTIC:		
Delaware.....	2,072	654
Maryland.....	143,310	87,376
District of Columbia.....	196,364	240,320
Virginia.....	354,608	480,662
West Virginia.....	3,154	5,640
North Carolina.....	16,837	6,360
South Carolina.....	45,133	11,477
Georgia.....	4,181,896	3,996,062
Florida.....	148,615	143,023
EAST SOUTH CENTRAL:		
Kentucky.....	34,459	8,081
Tennessee.....	6,362,119	2,685,450
Alabama.....	186,010	69,703
Mississippi.....	498,390	427,571
WEST SOUTH CENTRAL:		
Arkansas.....	343,804	874,755
Louisiana.....	1,965,940	1,779,597
Oklahoma.....	46,079	27,312
Texas.....	3,654,220	4,122,348
MOUNTAIN:		
Montana.....	3,538	7,763
Idaho.....	3,642	1,821
Wyoming.....	115	106
Colorado.....	110,621	114,730
New Mexico.....	2,191	2,175
Arizona.....	12,097	4,450
Utah.....	7,126	40,186
Nevada.....	2,150	1,053
PACIFIC:		
Washington.....	77,073	196,295
Oregon.....	40,365	109,758
California.....	915,114	814,893

COMMERCIAL STOCKS OF OLIVE OIL NOT INCLUDING RETAIL STOCKS.

The commercial stocks of olive oil, together with the quantities in transit, as reported in the Food Survey of July 1, 1918, by oil mills, warehouses, wholesale dealers, and a miscellaneous group of firms, amounted to 901,995 gallons, comprising 891,236 gallons on hand and 10,759 gallons in transit. Of the total stocks reported as on hand, the oil mills held 5.1 per cent; the warehouses, 28.0 per cent; the wholesale dealers, 48.6 per cent; and the miscellaneous group of concerns, 18.3 per cent. The relatively small quantity reported by the oil mills, both in the present Survey and in a similar inquiry made for January 1, 1918, reflects the fact that most of our edible olive oil is imported, rather than of domestic manufacture. The stocks reported by each of the classes of firms above mentioned are shown in the first column of Table 21, and the quantities in transit in the last column. The relative quantities reported by the several classes are represented graphically in Diagram 16.

The number of schedules received and tabulated for olive oil is shown in Table 23.

Table 21.—Stocks of olive oil reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.	Quantity.	
Total	Gallons. 891,236	Gallons. 747,704	35.8	Gallons. 2,091,292	Gallons. 10,759
Oil mills.....	45,704	45,484	28.3	160,589	5,288
Warehouses.....	248,816	200,869	60.2	333,722	364
Wholesale dealers.....	433,323	386,529	28.3	1,364,159	4,977
Wholesale grocers.....	349,661	306,255	33.6	910,314	3,568
Other wholesale dealers.....	83,662	80,274	17.7	453,845	1,409
Miscellaneous.....	163,393	114,822	49.3	232,822	130
Cannery.....	137,743	91,426	59.5	153,663	
Other miscellaneous.....	25,650	23,396	29.5	79,179	

DIAGRAM 16.—DISTRIBUTION OF TOTAL STOCKS OF OLIVE OIL REPORTED FOR JULY 1, 1918, BY MANUFACTURERS, STORAGE HOUSES, AND WHOLESALE DEALERS.

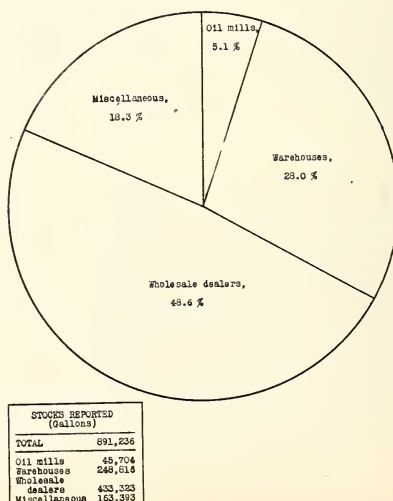


Table 22.—Stocks of olive oil reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported as on hand July 1, 1918.	Oil mills.	Warehouses.	WHOLESALE DEALERS.			Miscellaneous.	Quantity reported as in transit on July 1, 1918
				Total.	Wholesale grocers.	Other wholesale dealers.		
	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.
United States.....	891,236	45,704	248,816	433,523	349,661	83,662	163,393	10,759
GEOGRAPHIC DIVISIONS:								
New England.....	87,204	---	44,462	38,971	36,755	2,216	3,771	391
Middle Atlantic.....	285,856	4,922	67,719	148,762	123,255	25,507	74,453	4,735
East North Central.....	160,236	220	98,330	57,044	50,998	6,946	3,742	634
West North Central.....	30,471	---	6,102	23,549	22,757	792	820	231
South Atlantic.....	44,016	---	---	43,304	13,125	30,179	712	573
East South Central.....	6,398	---	---	6,047	5,765	282	351	5
West South Central.....	25,693	---	792	24,230	22,260	1,965	671	122
Mountain.....	19,997	1,350	8	18,194	17,714	480	445	399
Pacific.....	221,365	39,212	31,403	72,322	57,027	15,295	78,428	3,369
NEW ENGLAND:								
Maine.....	9,533	---	6,375	1,184	1,113	71	1,974	20
New Hampshire.....	1,360	---	---	1,333	1,289	44	27	1
Vermont.....	695	---	---	684	683	1	11	---
Massachusetts.....	26,188	---	---	25,647	24,352	1,295	541	368
Rhode Island.....	25,001	---	18,986	5,913	5,512	401	102	2
Connecticut.....	24,427	---	19,101	4,210	3,806	404	1,116	---
MIDDLE ATLANTIC:								
New York.....	170,893	4,768	40,350	117,765	96,105	21,660	8,010	4,144
New Jersey.....	24,253	---	19,660	4,114	3,899	215	479	---
Pennsylvania.....	100,710	154	7,709	26,883	23,251	3,632	65,964	591
EAST NORTH CENTRAL:								
Ohio.....	18,059	---	1,200	16,176	14,999	1,177	683	79
Indiana.....	4,634	---	---	2,326	2,123	203	2,308	2
Illinois.....	125,364	220	97,070	27,693	23,167	4,526	381	172
Michigan.....	9,274	---	60	8,991	8,017	974	223	39
Wisconsin.....	2,905	---	---	2,758	2,692	66	147	642
WEST NORTH CENTRAL:								
Minnesota.....	5,358	---	36	5,289	5,228	61	33	56
Iowa.....	3,917	---	27	3,868	3,686	182	22	71
Missouri.....	15,470	---	5,675	9,050	8,562	488	745	40
North Dakota.....	710	---	---	700	700	---	10	8
South Dakota.....	263	---	---	263	263	---	---	---
Nebraska.....	1,383	---	105	1,268	1,263	5	10	51
Kansas.....	3,370	---	259	3,111	3,055	56	---	5
SOUTH ATLANTIC:								
Delaware.....	175	---	---	175	175	---	---	1
Maryland.....	32,898	---	---	32,419	2,614	29,805	479	530
District of Columbia.....	1,951	---	---	1,880	1,880	---	71	---
Virginia.....	2,637	---	---	2,485	2,485	---	152	5
West Virginia.....	3,327	---	---	3,319	2,957	362	8	35
North Carolina.....	299	---	---	299	---	---	---	---
South Carolina.....	252	---	---	252	---	---	---	---
Georgia.....	963	---	---	963	---	---	---	---
Florida.....	1,514	---	---	1,512	1,500	12	2	2
EAST SOUTH CENTRAL:								
Kentucky.....	2,430	---	---	2,285	2,115	170	145	5
Tennessee.....	2,712	---	---	2,564	2,532	32	148	---
Alabama.....	858	---	---	800	770	30	58	---
Mississippi.....	398	---	---	398	348	50	---	---
WEST SOUTH CENTRAL:								
Arkansas.....	1,369	---	---	1,369	1,355	14	---	---
Louisiana.....	7,983	---	330	7,197	5,586	1,611	456	74
Oklahoma.....	2,090	---	5	2,085	2,055	30	---	21
Texas.....	14,251	---	457	13,579	13,269	310	215	27
MOUNTAIN:								
Montana.....	2,170	---	---	2,057	2,012	45	113	7
Idaho.....	2,136	---	---	2,136	1,943	193	---	12
Wyoming.....	358	---	---	348	348	---	10	---
Colorado.....	4,940	---	8	4,619	4,467	152	313	---
New Mexico.....	1,300	---	---	1,300	1,300	---	---	---
Arizona.....	5,465	1,350	---	4,109	4,019	90	6	365
Utah.....	3,352	---	---	3,349	3,349	---	3	15
Nevada.....	276	---	---	276	---	---	---	---
PACIFIC:								
Washington.....	15,590	---	3,764	11,373	7,187	4,186	453	299
Oregon.....	2,890	---	187	2,366	2,331	35	337	---
California.....	202,885	39,212	27,452	58,583	47,509	11,074	77,638	3,070

Table 23.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting olive oil.

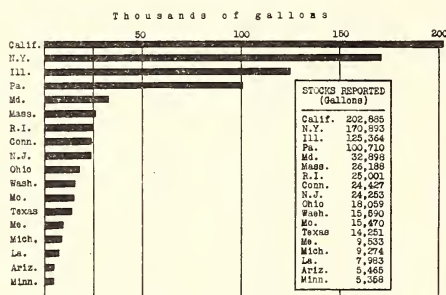
CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total	3,126	2,559
Oil mills	18	17
Warehouses	78	60
Wholesale dealers	2,723	2,245
Wholesale grocers	2,397	1,963
Other wholesale dealers	326	282
Miscellaneous	307	237
Canners	46	39
Other miscellaneous	261	198

Geographic Distribution of Stocks Reported.

The stocks reported from each geographic division and state are given, by classes of business, in Table 22. More than one-half of the stocks reported by the classes of business here considered were found in the Middle Atlantic and the Pacific divisions, the East North Central division ranking third. California ranked first among the states, New York second, Illinois third, and Pennsylvania fourth. The stocks reported for the eighteen most important states are shown graphically in Diagram 17.

The quantities reported as in transit are given by geographic divisions and states in the last column of Table 22.

Diagram 17.—Stocks of Olive Oil Reported by Manufacturers, Storage Houses, and Wholesale Dealers for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

More than five-sixths of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 21, and by geographic divisions and states in Table 24. These figures indicate that the total stocks of olive oil on hand on the date of the Survey were only 35.8 per cent of those reported one year earlier. All classes of business reported heavy decreases in stocks of olive oil, the wholesale dealers as a group reporting only 28.3 per cent of their 1917 stocks. The stocks reported for the two dates are shown in graphic form, by classes of business, in Diagram 18.

Diagram 18.—Stocks of Olive Oil Reported for July 1, 1918, and July 1, 1917, by Important Classes of Business.

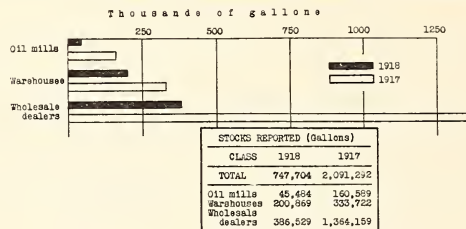


Table 24.—Comparative figures for olive oil—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Stocks reported for July 1, 1918.	Stocks reported for July 1, 1917.
	Gallons.	Gallons.
United States	747,704	2,091,292
GEOGRAPHIC DIVISIONS:		
New England	71,885	119,796
Middle Atlantic	266,005	1,180,494
East North Central	150,638	192,799
West North Central	22,370	36,869
South Atlantic	40,498	151,045
East South Central	4,902	6,142
West South Central	18,304	28,857
Mountain	17,917	23,668
Pacific	152,185	351,542
NEW ENGLAND:		
Maine	9,013	21,858
New Hampshire	1,219	3,076
Vermont	290	318
Massachusetts	39,415	82,083
Rhode Island	21,680	5,464
Connecticut	3,268	6,997
MIDDLE ATLANTIC:		
New York	160,258	996,298
New Jersey	8,820	18,006
Pennsylvania	96,918	165,290
EAST NORTH CENTRAL:		
Ohio	16,581	85,197
Indiana	2,734	7,784
Illinois	118,611	81,492
Michigan	8,854	12,929
Wisconsin	2,339	5,397
WEST NORTH CENTRAL:		
Minnesota	4,839	7,903
Iowa	3,199	4,330
Missouri	9,242	17,416
North Dakota	683	1,050
South Dakota	188	308
Nebraska	1,198	1,561
Kansas	3,021	4,301
SOUTH ATLANTIC:		
Delaware	175	315
Maryland	32,495	137,561
District of Columbia	1,694	1,160
Virginia	1,737	2,359
West Virginia	2,090	2,143
North Carolina	267	412
South Carolina	200	252
Georgia	591	4,641
Florida	1,270	2,222
EAST SOUTH CENTRAL:		
Kentucky	1,695	2,450
Tennessee	2,058	1,940
Alabama	805	1,262
Mississippi	344	490
WEST SOUTH CENTRAL:		
Arkansas	1,225	1,221
Louisiana	6,664	13,415
Oklahoma	1,592	2,467
Texas	8,823	11,784
MOUNTAIN:		
Montana	1,747	2,051
Idaho	2,136	1,853
Wyoming	245	293
Colorado	4,805	7,800
New Mexico	879	1,522
Arizona	4,474	5,260
Utah	3,352	4,362
Nevada	276	521
PACIFIC:		
Washington	15,249	49,435
Oregon	2,642	4,138
California	134,294	237,969

COMMERCIAL STOCKS OF PEANUT OIL
NOT INCLUDING RETAIL STOCKS.

The commercial stocks of peanut oil, together with the quantities in transit, as reported in the Food Survey of July 1, 1918, by all classes of business concerns except retail dealers, amounted to 4,839,931 gallons, of which amount 4,778,772 gallons represented the stocks on hand and 61,159 gallons the quantities in transit. Of the total stocks reported as on hand, the wholesale dealers held 48.8 per cent; the oil mills, 20.7 per cent; the warehouses, 10.5 per cent; and a miscellaneous group of firms (chiefly manufacturers using the oil as a material), 20.0 per cent. The stocks reported by each of these classes of firms are given in the first column of Table 25, and the quantities reported as in transit in the last column. The relative quantities reported as on hand by the several classes are shown graphically in Diagram 19.

Table 26 shows the number of reports received and tabulated for peanut oil.

Table 25.—Stocks of peanut oil reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.		
Total	Gallons. 4,778,772	Gallons. 3,932,922	294.8	Gallons. 1,333,964	Gallons. 61,159
Oil mills	988,640	959,919	1287.4	74,562	41,869
Warehouses	498,928	67,084	812.4	8,258	1,352
Wholesale dealers	2,332,599	2,074,956	197.5	1,050,682	1,788
<i>Wholesale grocers</i>	84,572	58,844	381.3	15,431	828
<i>Other wholesale dealers</i>	2,248,027	2,016,112	197.7	1,035,251	960
Miscellaneous	958,605	830,963	414.5	200,462	16,150
<i>Oleomargarine manufacturers</i>	665,157	347,475	183.6	189,210	150
<i>Other miscellaneous</i>	293,448	483,488	5296.9	11,252	16,000

Diagram 19.—Distribution of Total Stocks of Peanut Oil Reported for July 1, 1918, by Manufacturers, Storage Houses, and Wholesale Dealers.

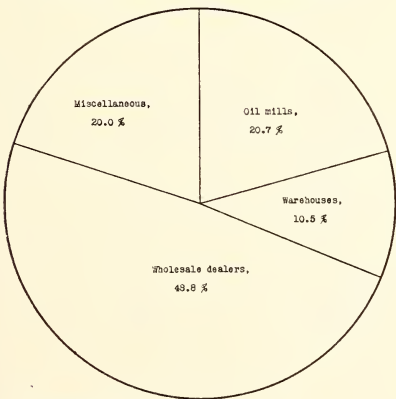


Table 26.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting peanut oil.

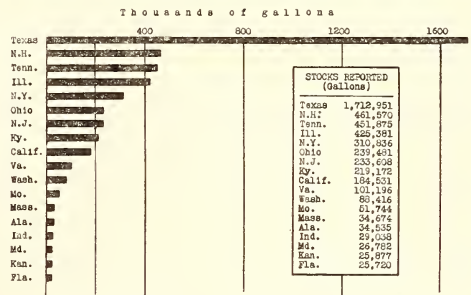
CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total	478	331
Oil mills	24	19
Warehouses	33	16
Wholesale dealers	322	230
Wholesale grocers	257	184
Other wholesale dealers	65	46
Miscellaneous	99	66
Oleomargarine manufacturers	18	13
Other miscellaneous	81	53

Geographic Distribution of Stocks Reported.

The geographic distribution of the stocks of peanut oil reported by classes of business concerns other than retailers is shown in Table 27. More than one-third of the stocks reported from the entire country were found in the states of the West South Central division, while the East South Central division ranked second, and the East North Central division third. Texas ranked first among the states, New Hampshire second, Tennessee third, and Illinois fourth. The rank held by the state of New Hampshire is due to the large stocks reported by a firm manufacturing lard substitutes. The stocks reported for the eighteen most important states are shown in graphic form in Diagram 20.

The quantities reported as in transit are given by geographic divisions and states in the last column of Table 27.

Diagram 20.—Stocks of Peanut Oil Reported by Manufacturers, Storage Houses, and Wholesale Dealers for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

Nearly five-sixths of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by class of business in Table 25, and by geographic divisions and states in Table 28. These figures show greatly increased stocks for the date of the Survey as compared with the earlier date. The total stocks on July 1, 1918, were practically three times as large as those of July 1, 1917. Some of the individual classes of business show relative increases much greater than this. These figures indicate a rapid growth in the manufacture and use of peanut oil during the past year. The stocks reported for the two dates are shown graphically for each class of business except the miscellaneous group in Diagram 21.

Table 27.—Stocks of peanut oil reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported as on hand July 1, 1918.	Oil mills.	Warehouses.	WHOLESALE DEALERS.			Miscellaneous.	Quantity reported as in transit on July 1, 1918.
				Total.	Wholesale grocers.	Other wholesale dealers.		
United States	<i>Gallons.</i> 4,778,772	<i>Gallons.</i> 988,640	<i>Gallons.</i> 498,928	<i>Gallons.</i> 2,332,599	<i>Gallons.</i> 84,372	<i>Gallons.</i> 2,248,027	<i>Gallons.</i> 958,605	<i>Gallons.</i> 61,159
GEOGRAPHIC DIVISIONS:								
New England.....	534,727		37,081	13,882	680	13,202	483,764	1
Middle Atlantic.....	549,229	18,400	359,096	44,636	18,423	26,213	127,097	1,611
East North Central.....	703,895	52,593	82,386	281,333	4,613	276,718	287,583	8,488
West North Central.....	103,606			56,789	3,646	53,143	46,817	34
South Atlantic.....	181,238	148,051	20	33,150	597	32,553	17	
East South Central.....	705,942	705,492		120	120		330	42,083
West South Central.....	1,714,542	64,104	25	1,648,792	56,365	1,592,427	1,621	8,172
Mountain.....	5,998			5,485	112	5,373	453	
Pacific.....	279,655		20,320	248,412	14	248,398	10,925	770
NEW ENGLAND:								
Maine.....	17,144		11,500				5,644	
New Hampshire.....	461,570						461,570	
Vermont.....								
Massachusetts.....	34,674		5,106	13,806	654	13,152	15,792	1
Rhode Island.....	21,274		20,475	11	11		788	
Connecticut.....	65			65	15	50		
MIDDLE ATLANTIC:								
New York.....	310,836	18,400	147,996	28,879	15,779	13,100	115,561	1,611
New Jersey.....	233,608		208,850	13,307	194	13,113	11,451	
Pennsylvania.....	4,785		2,256	2,450	2,450		85	
EAST NORTH CENTRAL:								
Ohio.....	239,481	24,667	4,726	98,943	893	98,050	111,145	8,022
Indiana.....	29,038			29,033	33	29,000	5	5
Illinois.....	425,381	27,926	77,660	152,742	3,074	149,668	167,053	311
Michigan.....	241			79	79		162	
Wisconsin.....	9,754			536	536		9,218	150
WEST NORTH CENTRAL:								
Minnesota.....	648			648	40	608		
Iowa.....	1,846			346			1,500	
Missouri.....	51,744			6,460	2,349	4,111	45,284	34
North Dakota.....								
South Dakota.....	650			650	650			
Nebraska.....	22,841			22,811	34	22,777	30	
Kansas.....	25,877			25,874	227	25,647	3	
SOUTH ATLANTIC:								
Delaware.....								
Maryland.....	26,782			26,765		26,765	17	
District of Columbia.....								
Virginia.....	101,196	101,181		15	15			
West Virginia.....	563			563	563			
North Carolina.....	1			1	1			
South Carolina.....	3,178	3,170		8	8			
Georgia.....	23,798	18,000		5,798	10	5,788		
Florida.....	25,720	25,700	20					
EAST SOUTH CENTRAL:								
Kentucky.....	219,172	218,722		120	120		330	5,182
Tennessee.....	451,875	451,875						
Alabama.....	34,535	34,535						36,901
Mississippi.....	360	360						
WEST SOUTH CENTRAL:								
Arkansas.....	254			254	254			
Louisiana.....	592			592	192	400		
Oklahoma.....	745			745	745			
Texas.....	1,712,951	64,104	25	1,647,201	55,174	1,592,027	1,621	8,172
MOUNTAIN:								
Montana.....	45			45		45		
Idaho.....	50			50		50		
Wyoming.....	2			2	2			
Colorado.....	5,253			5,250	50	5,200	3	
New Mexico.....								
Arizona.....	60			60	60			
Utah.....	528			78		78	450	
Nevada.....								
PACIFIC:								
Washington.....	88,416			88,116	5	88,111	300	
Oregon.....	6,708					6,708		
California.....	184,531		20,320	153,588	9	153,579	10,623	770

DIAGRAM 21.—STOCKS OF PEANUT OIL REPORTED FOR JULY 1, 1918, AND JULY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

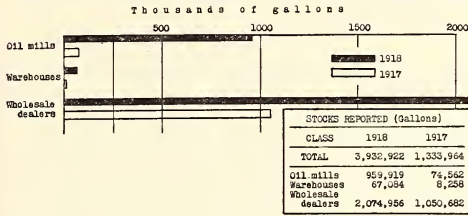


Table 28.—Comparative figures for peanut oil—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Stocks reported for July 1, 1918.	Stocks reported for July 1, 1917.
	Gallons.	Gallons.
United States.....	3,932,922	1,333,964
GEOGRAPHIC DIVISIONS:		
New England.....	382,263	8,750
Maine.....	4,189	10
New Hampshire.....	461,556	7,816
Vermont.....	15,654	5
Massachusetts.....	799	114
Rhode Island.....	65	57
Connecticut.....		
MIDDLE ATLANTIC:		
New York.....	63,383	35,275
New Jersey.....	28,463	
Pennsylvania.....	4,758	266
EAST NORTH CENTRAL:		
Ohio.....	139,305	129,654
Indiana.....	29,033	10,800
Illinois.....	269,711	105,709
Michigan.....	225	225
Wisconsin.....	9,343	5,849
WEST NORTH CENTRAL:		
Minnesota.....	648	440
Iowa.....	1,500	300
Missouri.....	47,859	18,402
North Dakota.....		
South Dakota.....	30	42
Nebraska.....	22,841	4,321
Kansas.....	25,047	7,909
SOUTH ATLANTIC:		
Delaware.....		
Maryland.....	532	480
District of Columbia.....		10
Virginia.....	101,196	11,917
West Virginia.....		
North Carolina.....	1	1
South Carolina.....	3,178	8,413
Georgia.....	18,010	
Florida.....	25,700	
EAST SOUTH CENTRAL:		
Kentucky.....	218,842	20
Tennessee.....	451,875	
Alabama.....	17,535	
Mississippi.....	360	
WEST SOUTH CENTRAL:		
Arkansas.....	65	
Louisiana.....	180	
Oklahoma.....	650	
Texas.....	1,691,561	683,371
MOUNTAIN:		
Montana.....	45	
Idaho.....	50	
Wyoming.....		
Colorado.....	5,253	5,056
New Mexico.....		
Arizona.....	60	66
Utah.....		
Nevada.....		
PACIFIC:		
Washington.....	87,956	78,532
Oregon.....	6,708	9,006
California.....	178,156	209,353

COMMERCIAL STOCKS OF CORN OIL NOT INCLUDING RETAIL STOCKS.

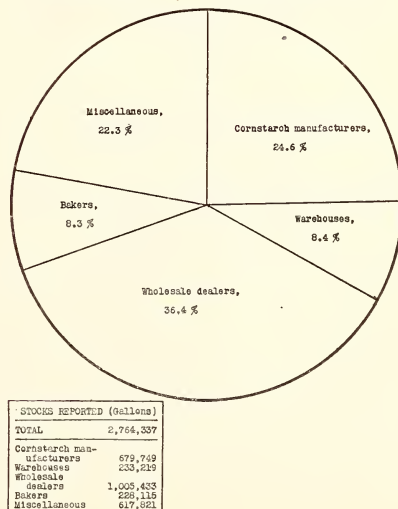
The commercial stocks of corn oil, together with the quantities in transit, as reported in the Food Survey of July 1, 1918, by business concerns other than retail dealers, amounted to 2,891,457 gallons. This total was made up of 2,764,337 gallons in stock and 127,120 gallons in transit. Of the stocks reported as on hand on the date of the Survey, the wholesale dealers held 36.4 per cent; the cornstarch manufacturers, 24.6 per cent; the warehouses, 8.4 per cent; the bakers, 8.3 per cent; and a miscellaneous group of firms, 22.3 per cent. The last-named group was made up largely of manufacturers using corn oil as a material. The stocks reported by each class of business are shown in the first column of Table 29, and the quantities in transit in the last column. The distribution of the total stocks among the several classes reporting is shown by Diagram 22.

The number of reports received and tabulated for corn oil is shown, by classes of business, in Table 30.

Table 29.—Stocks of corn oil reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.	Quantity.	
Total.....	Gallons. 2,764,337	Gallons. 2,353,866	156.6	Gallons. 1,503,421	Gallons. 127,120
Cornstarch manufacturers.....	679,749	679,749	204.2	332,883	24,459
Warehouses.....	233,219	120,113	93.1	128,957	311
Wholesale dealers.....	1,005,433	752,062	133.0	565,278	6,928
Wholesale grocers.....	771,811	523,498	181.1	289,007	6,880
Other wholesale dealers.....	233,622	228,564	82.7	276,271	48
Bakers.....	228,115	191,811	104.1	184,263	5,066
Miscellaneous.....	617,821	610,131	208.9	292,040	90,356

DIAGRAM 22.—DISTRIBUTION OF TOTAL STOCKS OF CORN OIL REPORTED FOR JULY 1, 1918, BY MANUFACTURERS, STORAGE HOUSES, AND WHOLESALE DEALERS.



Geographic Distribution and Comparative Figures.

The total stocks reported for July 1, 1918, from each geographic division and state are given in the first column of Table 31. Of the stocks of this commodity reported, more than two-fifths were found in the East North Central division, the Middle Atlantic division ranking second, with more than one-fourth of the total. Among the states, Illinois ranked first, New Jersey second, New York third, and Ohio fourth.

The quantities reported as in transit are shown by geographic divisions and states in the last column of Table 31.

Nearly six-sevenths of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 29, and by geographic divisions and states in Table 31. These figures indicate a material increase for the date of the Survey as compared with the earlier date, the total stocks on July 1, 1918, being 56.6 per cent greater than those on July 1, 1917.

Table 30.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting corn oil.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	2,470	1,701
Cornstarch manufacturers.....	10	10
Warehouses.....	46	27
Wholesale dealers.....	1,935	1,368
Wholesale grocers.....	1,827	1,286
Other wholesale dealers.....	108	82
Bakers.....	354	211
Miscellaneous.....	125	85

Table 31.—Stocks of corn oil reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		Quantity reported as in transit on July 1, 1918.
		1918 stocks.	1917 stocks.	
United States.....	2,764,337	2,353,866	1,503,421	127,120
GEOGRAPHIC DIVISIONS:				
New England.....	60,783	44,116	57,610	958
Middle Atlantic.....	708,516	662,937	293,100	52,349
East North Central.....	1,145,328	1,038,506	770,280	34,529
West North Central.....	286,252	252,205	244,786	32,746
South Atlantic.....	35,357	28,459	7,136	142
East South Central.....	24,600	18,985	12,655	—
West South Central.....	178,062	62,115	33,891	5,218
Mountain.....	69,085	50,585	8,557	341
Pacific.....	256,354	196,258	75,406	837
NEW ENGLAND:				
Maine.....	1,383	1,034	605	10
New Hampshire.....	662	427	51	3
Vermont.....	291	168	84	6
Massachusetts.....	38,218	24,060	29,833	164
Rhode Island.....	1,731	951	1,349	—
Connecticut.....	18,498	17,476	25,688	775
MIDDLE ATLANTIC:				
New Jersey.....	226,570	189,422	153,826	52,159
New York.....	415,379	412,903	120,462	5
Pennsylvania.....	66,567	60,612	18,812	185
EAST NORTH CENTRAL:				
Ohio.....	209,196	188,907	181,367	218
Indiana.....	83,723	40,326	34,120	16,285
Illinois.....	746,877	733,115	502,642	17,314
Michigan.....	72,658	53,583	39,546	489
Wisconsin.....	32,874	22,575	12,605	223
WEST NORTH CENTRAL:				
Minnesota.....	56,307	55,468	86,099	568
Iowa.....	81,841	72,554	70,680	31,415
Missouri.....	72,879	61,321	58,028	530
North Dakota.....	14,234	14,215	4,965	183
South Dakota.....	2,104	1,689	827	10
Nebraska.....	37,128	26,898	18,302	18
Kansas.....	21,759	20,060	6,185	22
SOUTH ATLANTIC:				
Delaware.....	516	441	5	15
Maryland.....	4,027	1,656	4,522	—
District of Columbia.....	1,256	435	50	—
Virginia.....	8,363	7,497	730	—
West Virginia.....	16,455	15,163	1,606	115
North Carolina.....	442	64	—	—
South Carolina.....	835	562	36	—
Georgia.....	814	630	120	—
Florida.....	2,619	2,011	67	12
EAST SOUTH CENTRAL:				
Kentucky.....	16,916	12,285	7,419	—
Tennessee.....	5,768	4,755	3,653	—
Alabama.....	1,238	1,121	8	—
Mississippi.....	678	494	1,575	—
WEST SOUTH CENTRAL:				
Arkansas.....	34,020	32,715	6,403	41
Louisiana.....	18,187	7,855	20,392	5,132
Oklahoma.....	17,402	13,836	6,771	18
Texas.....	108,453	7,709	325	27
MOUNTAIN:				
Montana.....	5,361	4,670	1,123	153
Idaho.....	3,020	2,663	1,152	4
Wyoming.....	1,446	629	—	11
Colorado.....	25,722	23,486	3,249	28
New Mexico.....	10,360	5,828	1,208	50
Arizona.....	12,254	6,503	25	90
Utah.....	10,882	6,806	1,790	8
Nevada.....	40	—	10	—
PACIFIC:				
Washington.....	67,273	58,187	16,636	391
Oregon.....	98,553	96,275	32,957	54
California.....	90,526	41,796	25,813	392

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